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APRIL 28, 1917.

{ Subscription Rate, 12s. 6d. per annum
Single Copies, 6d. each. Winter and Summer
Issues 1s. each. Post Free.

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in similar
packages.

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yields 26% Profit on the Selling
Price, or 35% on the Buying Price.

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1 gross boxes Wright's Coal Tar Soap @ 1/1½d.	£8 2 0
	<u>£8 2 0</u>

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1 gross boxes Wright's Coal Tar Soap @ 123/-	£6 3 0
Less 2½% for cash	0 3 0
	<u>£6 0 0</u>

ASSORTED ORDERS FOR WRIGHT'S COAL TAR SPECIALITIES

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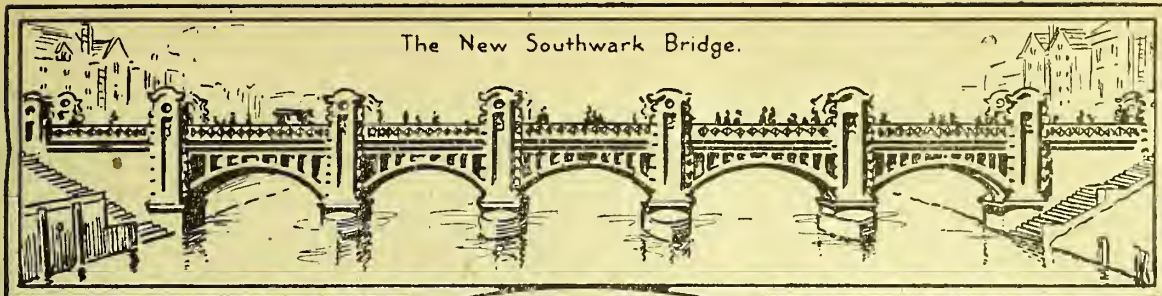
10 doz. boxes, Wright's Coal Tar Soap @ 1/1½d.	£6 15 0
1 doz. Wright's Coal Tar Shaving Sticks @ 10d.	0 10 0
1 doz. Wright's Coal Tar Denti- frice @ 6d.	0 6 0
1 gross Wright's Coal Tar Shampoo Powders @ 2d. ...	1 4 0
	<u>£8 15 0</u>

BUYING PRICE.

10 doz. boxes Wright's Coal Tar Soap @ 123/- gross... ..	£5 2 6
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1 doz. Wright's Coal Tar Denti- frice @ 3/6	0 3 6
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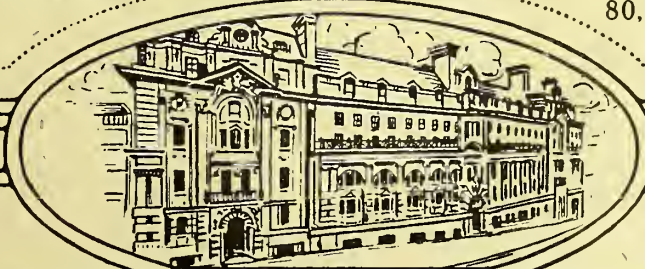
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A Valuable Tonic Food for Children.

"It is of high nutritive value, enhanced by the presence of assimilable phosphates."—*The Lancet.*

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" 2.	3 1/2 " " "	14/6 " "
" 3.	6 1/2 " " "	24/- " "
" 4.	13 " " "	42/- " "

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MIST. PEPSINÆ CO. C. BISMUTHO

(Hewlett's)

Price 11/- per lb. Packed for dispensing only, in 10, 22, 40 and 90 oz. bottles.

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THE IDEAL FOOD for Infants, Invalids, and all who suffer from weak digestion.

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QUICK SALES. GOOD PROFITS. SATISFIED CUSTOMERS. Sold in Tins, 1/4, 2/6, and 4/9.

ON THE **BRITISH** Wholesale terms
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57 & 59 LUDGATE HILL, LONDON.

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Sister Luras Food is achieving great success as a preparation for weakly babies and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

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FREEMAN'S REAL TURTLE Soup Cubes

"Ready to Serve."

Made from the real rich meat of selected West Indian Turtles—so that real Turtle Soup, once the privilege only of the rich, is now a delicacy easily accessible to every household. No other soup is so nourishing and delicious.

Made in a minute with boiling water.

1/- Retail in 1/- Cartons containing 4 Cubes.

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MFG. CO., LTD.,**

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and Vi-Cocoa,
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TRADE MARK "FRAME FOOD"

ON P.A.T.A. LIST. SHOWCARDS FREE.

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possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

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"Prana" Sparklets.

NOTICE TO THE TRADE.

MESSRS. AERATORS, LTD., regret that it has been, and will be for some time yet, impossible for them to meet demands for the "Prana" Sparklet Syphons and Bulbs, not only owing to other urgent war work, but also to the restricted supply of materials and the large demands (which must be considered preferentially) by the Expeditionary Force Canteens, Red Cross Society, &c. &c.

As regards "D" Bulbs, for the time being it is only possible to refill empty bulbs returned, and the Company request the co-operation of the Trade in the return of as many empties as possible for refilling.

AERATORS LTD.,
 "Prana" Sparklet Works,
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SAPONINE

(SOLUBLE),

MANUFACTURED BY

C. W. FIELD, LTD.,

Cambrian Mills, LIVERPOOL.

Special Terms to Wholesalers and large Consumers.

Pure Cocoa Butter Substitute

at half the price
of Cocoa Butter

Samples and Quotations Free

CHRIST. THOMAS & BROS., LTD.,
 BROAD PLAIN, BRISTOL.

GELATINES

FINE LEAF GELATINE
PURE CALF

"ALBION" BRAND

(In 1 lb. Packets.
112 x 1 lb. Packets to Case.)

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
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Telegrams: **OURY, MILLAR & CO.,**
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SUGAR OF MILK



THE BEST IN THE WORLD.

Always of the purest standard and corresponding
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HONEY HONEY

"JOYBELLS" HONEY.

The choicest and most delicious honey procurable. Screw-top Glass Jars, 13/- and 7/6 per dozen. "Joybells" Honey in Red Earthenware Pots 12/- per dozen; in bulk 11d. per lb. Tins charged and returnable.

The Institute of Hygiene state: "We are satisfied that 'Joybells' Honey is a genuine product, possesses the distinctive flavour imparted to bee honey, and is a most pleasant and wholesome article for general table use."

"SUMMERLAND" HONEY.

Equals that usually sold as Finest Clover Honey. Screw-top Glass Jars, 12/- and 6/9 per dozen. In bulk 10d. per lb.

"SWEET FLOWER BELL" HONEY.

Fine quality. Tie-over Red Terra-Cotta Pots, 11/- per dozen. In bulk 9½d. per lb.

BEESEWAX. Choice quality 2/6 per lb.; 1-oz. Moulds 2/- per dozen. Samples 3d.

Standard Health Food Co. (With which is incorporated The Berkshire Honey Co.)
Honey Specialists - - - **READING, BERKS**



There is no better
Flask made than the

**"ALL
BRITISH"
VACUUM
FLASK,**

of which not only the protective
outer casing but the essential
glass vacuum bottle are

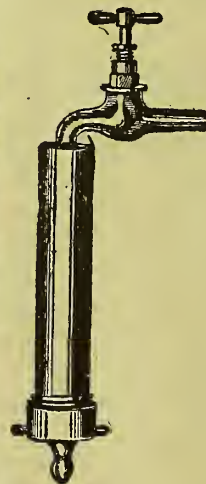
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SOLE MAKERS—

AERATORS LIMITED

"Prana" Sparklet Works,
UPPER EDMONTON, LONDON, N.

PURE DRINKING WATER.



**The
Pasteur
Chamberland
Filter.**

**OFFICIAL GOVERNMENT
STATEMENT:**

Wherever the **PASTEUR
FILTER** has been applied,
TYPHOID FEVER has
disappeared.

WRITE FOR LIST B.

SOLE MAKERS:

The British Pasteur Chamberland Filter Co.
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BLOCK LIQUORICE

(Finest on the Market).

APPLY TO THE DIRECT SHIPPERS—

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THE CHEMISTS' BRAND.

'The Lancet' says: 'Of Standard Purity'

Recommended also by *The British Medical Journal, Health, The Chemist and Druggist, Food and Sanitation.*

Ask for SHOWCARDS and HANDBILLS. To be obtained of all Wholesale Houses.



Saint-Raphael

Tonic, Restorative,
Digestive Wine.

Known throughout the World,
and prescribed in all cases of
**ANÆMIA, DEBILITY, and CON-
VALESCENCE, to Young Women,
Children and the Aged.**

DOSE: One Wine-glass after the
two principal Meals.

Recommended by—
PROF. BOUCHARDAT, Professor of Hy-
giene, Paris Faculty of Medicine.
DR. MACNAUGHTON JONES, London,
England.

"For more than thirty years St. Raphaël Wine has been
exclusively prescribed, with success, in the Paris hospitals
as a pure tonic, by eminent physicians, such as Magendie
Rostan Chomel, Velpeau, Requin, Monneret, Trouseau,
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"The 'Vin de St. Raphaël' is often used for ladies
nursing their own children; it is preferable to stout, which
creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphaël Wine is most precious in all cases where
it is necessary to give tone to the system, without effort
or shock."—DR. C. DES BARRES.

Cie du VIN SAINT RAPHAEL, Valence, Drome,
FRANCE.

To be obtained from all
Wholesale Druggists.

Burnt Sugar Colouring

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for ALL INDUSTRIAL
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PERFECT PURITY.
HIGHEST COLOUR VALUE.

PROMPT DELIVERY.

Particulars, Samples & Quotations from

E. J. HAY & CO.

Caramel Works,
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LONDON, E. 14,
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LIMITED

MANCHESTER.

SPECIALITIES

PACKED IN ATTRACTIVE TINS
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BRONCHIAL LOZENGES.

Packed in Decorated Tins to
Retail at

6d. and 1/-

IODISED Throat Tablets.

6d. Tins.

The Most Popular Throat Tablet
on the Market.

SHOWCARDS SUPPLIED.

Write us for Samples and Prices.

CARRUTHERS STREET, ANCOATS, MANCHESTER.



WE OFFER

FOR SPOT AND
FUTURE DELIVERY

HYDROQUINONE
DIAMIDOPHENOL (Amidol)
EXOL (Metol Substitute)
CAFFEINE ALKALOID
FORMALDEHYDE
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ALL SCARCE AND PRECIOUS
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Importers and Exporters of Drugs and Chemicals,

44 WHITEHALL ST., NEW YORK

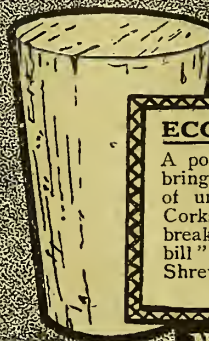
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Mustard?

—Yes! Rigollot's Mustard Leaves
for Plasters. The original and only
genuine.

OF ALL CHEMISTS AND STORES IN
6d. & 1/- Packets and 1/6 Tins.

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Value Corks

ECONOMICAL CORKS

A postcard, a pencil and a stamp
bring to your counter samples of Corks
of unparalleled value. Mitchell's
Corks banish petty annoyances by
breakages, and lighten the "cork-
bill" by their absolute dependability.
Shrewd Chemists use them daily.
Won't you?

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"THE CORK FIRM"
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TELEPHONE
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PRIVATE
BRANCH
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TELEGRAMS
ELEVEN
CENT
LONDON

Maw's Page
S. MAW, SON & SONS
(G.P.O. BOX N° 54)
7-12 ALDERSGATE ST
LONDON EC
NUMBER 289 APRIL 28, 1917

CABLES
ELEVEN
LONDON

CODE
A·B·C
4·7·5
EDITION

C. TRENTHAM MAW, J.P.
HENRY T. MAW, M.D.

MOWBRAY T. MAW.
ARTHUR T. MAW, PH.C.

Kora!

One of the street laws of Japan most insisted upon is the regulation instructing pedestrians to keep to the right. Fines equivalent to 5/- are inflicted upon those who ignore the policeman's "Kora!" which, literally translated, means "Fall into line!"

In business there is a certain confidence created by the knowledge that one is conducting transactions upon lines recognised by the majority as the system best calculated to ensure efficiency. The man who keeps to ways outclassed by modern ideas feels out of the running, however much he may delude himself that what was good enough for the last generation is good enough for this.

"Kora!" should be the clarion call for all engaged in pharmacy. Ways are changing; methods are altering. To-morrow holds new ideas.

Are you adapting yourself to them? "*Fall into line!*"

Here, in the House of Maw, every advantage is taken of the vast resources in latest developments at our disposal for the betterment of business. Our gain is our customers' gain. We like to feel that our close co-operation in these unsettled times is not only appreciated by our clients, but is the basis of the creation of new initiative and trade.

Look through "Maw's Page" for the past twelve months. Make a note of the number of lines we have been able to introduce. Note the thorough completeness of our schemes; the artistic finish given to our cartons and showcards; note the quality of our goods, the Maw Quality, the super quality of pharmaceutical products.

"Fall into line!" The pick of British manufacture is here for your selection, the ever-famous lines of a famous house. In war, as in peace, our whole services are devoted to the steady progress of our united efforts.

Capsule

MAW'S HAIR TONIC

A splendid and profitable preparation for stimulating the growth of the hair.

In handsome bottles, 12/6 doz.



PETROLEUM JELLIES

White, Yellow, Amber and Red.

For Pharmaceutical and General Purposes.

AMERICAN SPIRITS OF TURPENTINE,
OLIVE, CASTOR, COLZA OILS,
ROSIN, and LUX BLOOMLESS MINERAL OILS.

James Arnott & Sons, Ltd.

Newcastle-on-Tyne and Cardiff.

METHYLATED SPIRIT OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.
Write for Prices. ESTABLISHED 1794.

SAMUEL THORNLEY, LTD., BIRMINGHAM

RADIUM v. GREY HAIR. THE CAVENDISH CARADIUM HAIR RESTORER

(NOT A DYE.) THE FINEST HAIR RESTORER IN THE WORLD.

A Genuine Radium Restorer that will bring back to grey or faded hair the colour that it possessed at 20 years of age; will also keep the scalp quite free from scurf, and, like all my Radium Preparations, its efficacy is guaranteed. Price 7/9.

RADIO-ACTIVE HAIR GROWER

Unparalleled for producing abundant, glossy hair. Price 5/6.

Do YOU stock CARADIUM?—CARADIUM HAIR RESTORER is NOT a dye. It can BE RELIED UPON to do what WE claim for it. YOU can recommend it to your customers and be certain they will come again.

IN A SHORT TIME THE NATURAL COLOUR (whatever it may be) will return and, afterwards, one application weekly will be sufficient to retain it. This PERFECT RESTORER will also keep the scalp quite clean and free from scurf, and like ALL the CAVENDISH RADIO-ACTIVE PREPARATIONS its efficacy is guaranteed.

HARRODS, THE ARMY & NAVY STORES, SELFRIDGE, BARKERS AND OTHERS whose names stand for excellence are selling large quantities and have a continuous display. If it pays THEM it will pay YOU. We offer you a Profit of 33 1/3% You buy at 60/- per dozen and retail at 7/6 per bottle.

CARADIUM, Regd., 174 NEW BOND STREET, LONDON, W.

Agents required
in all parts
of the world.

IN VIEW OF THE POSSIBLE DIFFICULTY
OF OBTAINING

Messrs. A. BOURJOIS et Cie's

POUDRE DE RIZ DE JAVA

WE RECOMMEND ALL CHEMISTS & PERFUMERS
TO ORDER A SUFFICIENT SUPPLY IMMEDIATELY

FROM US

OR FROM THEIR WHOLESALE HOUSE.

IN
FOUR COLOURS :

RACHEL
ROSE
BLANCHE
NATURELLE.

No. 2. Ashes of Rose,
9/5 doz.

No. 65. Solid Powder,
all Colours, 7/7 doz.



PRICES :

1/- size. No. 45.

1 doz. ... 9/5 doz.

6 " ... 9/2 "

12 " ... 8/10 "

7½d. size. No. 495.

1 doz. ... 5/9 doz.

6 " ... 5/6 "

12 " ... 5/4 "

24 " ... 5/1 "

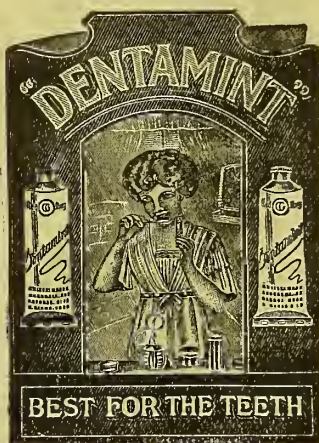
P.A.T.A. Prices Net.

LOOK TO YOUR STOCK OF
ROUGES, EYEBROW PENCILS, ASHES OF ROSES,
COMPACT POWDER, Etc.

HENRY C. QUELCH & CO.

4, 5 & 12 LUDGATE SQUARE, E.C.

DENTAMINT



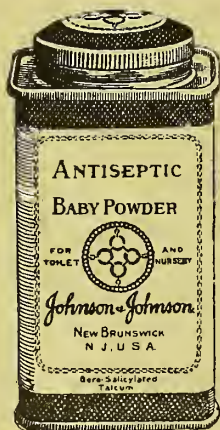
In neat tubes, packed in separate cartons as illustrated.
Six cartons in an outer box which forms an attractive display.

Sample tube free.

LARGE size, 4/6 per dozen.

SMALL size, 2/6 per dozen.

CUXSON, GERRARD & CO., Ltd., Oldbury & Birmingham.



ANTISEPTIC BABY POWDER

MANUFACTURED BY

Johnson & Johnson.

We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

WARNING.

The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

**Look for the
Name and
Trade Mark**



JOHN TIMPSON & CO., Ltd.,

104 Golden Lane,
LONDON, E.C.

A FINE SELLER!

ZOKA

Advertised in conjunction with
Zoka Tooth Paste.



Showing Display Box.

Tooth Powder

Retails at **6d.**
PER TIN.

A SCIENTIFIC POWDER.

POPULAR AND PLEASANT.

VERY SMART GET-UP.

Tear this off and post back to us.

OPENING BONUS ORDER.

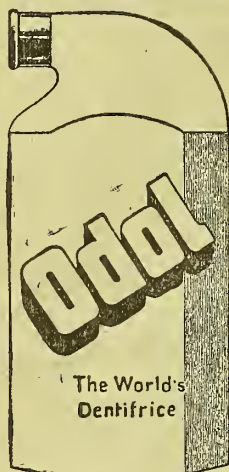
Send me as trial : $\frac{1}{2}$ gross Zoka Tooth Powder, 6d. size ... 9/6
1 dozen free
Producing 150% Profit.

Chemists placing this opening order secure for themselves PERMANENTLY the special Bonus terms of 36/- per gross instead of the ordinary terms of 38/-.

Name..... Address.....

To WHITE BAND MANUFACTURING CO., LTD., SOUTH CROYDON.

Odol



IS
BRITISH
NOW

*Send for Price List
and Trading Terms.*

ODOL CHEMICAL WORKS, BERKHAMSTED

C.V. & S.—2

Liquid Paraffin B.P.

Petroleum Jelly

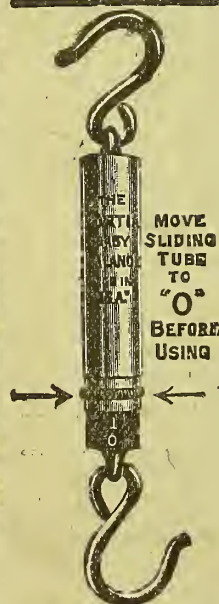
White Oils

Half-White and Coloured Oils

STERNS LTD.,

Royal London House,
FINSBURY SQUARE, LONDON, E.C.

A Profitable Seller



THE "PORTIA"

(Regd.)

NET WEIGHT

Baby Balance

Weights up to 15 lb.

Price	Retail
11/6	1/6
dozen.	each.

Hang a balance in your window with our dainty cut-out showcard in colours on the lower hook, showing a baby actually being weighed, and you will soon be re-ordering.

SOLPORT BROS.,

184 to 190 Goswell Rd., London, E.C.

Obtainable through all Wholesale Houses.



BROOKS, PEEL & CO., LTD.

Makers of Collapsible Tubes and Filling Machines for same. Patentees of Sprinkler and other Stoppers for Perfumes, Washes, &c. Screw Caps.

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WHY PURSE your lips over Cappings?

SEMREH

SELF-FIXING
BOTTLE CAPS

solve the problems of LABOUR, TIME, COST and help you to PURSE your money instead.

Details from
THE VISCOSE
Development Co., Ltd.
Bromley, Kent.

**LABORATORY
OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.**

**LONDON AGENTS:
WILCOX, JOZEAU & CO., 49, Haymarket, S.W.**



**CHAPOTEAUT'S
CAPSULES of
PHOSPHOGLYCERATE
of LIME.**

**THE BEST TONIC FOR
FORTIFYING AND BUILDING UP
THE NERVOUS SYSTEM.**

*Sold by all Chemists,
Wholesale: 8, Rue Vivienne,
PARIS.*

MORRHUOL CHAPOTEAUT



CAPSULES

MORRHUOL DE CHAPOTEAUT
is extracted from cod-liver oil, and
contains all its efficacious prop-
erties without the disagreeable taste.

*It cures Coughs, Bronchitis and Catarrh,
restores the appetite, and gives force to
feeble persons.*

SOLD BY ALL DRUGGISTS.

**CHANDRON'S
DROPS**

(Gouttes des Colonies)

**A harmless antiseptic
preventative against CHOLERA
FERMENTATION - INDIGESTION
and other intestinal disturbances.**

SOLD BY ALL CHEMISTS



*I find the odor exquisite and
that as Charma's has healed
by my name. Truly, Sincerely,
Miss Freda*

**PARFUM
MARY
GARDEN**

RIGAUD
PARFUMEUR
16 RUE DE LA PAIX,
PARIS.

**LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.**

The British Dentifrice.

Jewsbury & Brown's

**ORIENTAL
TOOTH
PASTE**

IN TUBES AND POTS.

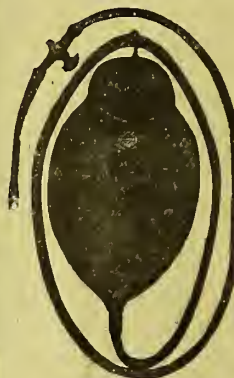
JEWSBURY & BROWN

Ardwick Green, Manchester.

VALUE UNEQUALLED

**THE "MASTER"
Fountain Douche No. 17**

FOR HOME OR TRAVEL.



COMPLETE IN WATERPROOF WALLET.

Pints Capacity 2 3 4 Imperial Measure.
Net Prices ... 36/- 48/- 60/-

F. SCHUTZE & CO., LTD.

Manufacturing Druggists' Sundriesmen,
Black Bull Works, London, N.

**TIMES CHANGE,
BUT
ESSONA
QUALITY
NEVER!**

FULL LIST, POST FREE.

All Orders (Large and Small)
Carriage Paid in British Isles
(Scotland and Ireland 2½%
Extra on "all Glass Orders.")

Five per Cent. Cash Discount
on orders of £1.

Essona Perfumery Co.
ENGLISH PERFUMERS,
Wimbledon, S.W. 19.

A Page from our List.

Essona Hair Cream.



THE Ideal Hair Cream
for those who prefer a
Dressing of the non-oily
type.
It is exquisitely perfumed,
and wherever introduced
always ensures complete satis-
faction. Labels are printed
in blue and gold.

4 oz. Bottles.
Minimum Retail, 1/-
Per dozen 6/6
3 " at 6/4
6 " at 6/2
12 " at 6/-

**Essona
Skin Cream.**

(LIQUID VANISHING)

A PERFECT Emulsion,
and packed like the
Hair Cream illustrated above,
but in 2½ oz. tall bottles.

Per dozen 7/9
3 " at 7/8
6 " at 7/7
12 " at 7/6
Minimum Retail, 1/-

Important Notice!

ALTERATION of PRICES of EDWARDS' "HARLENE."

Edwards' Harlene, Limited, Proprietors of "Harlene for the Hair,"
beg to announce that as and from

MARCH 1, 1917,

the Retail Prices of "Harlene" to the public will be advanced as follows :

1/-	size increased to	1/1 $\frac{1}{2}$
2/6	„ „	2/9
4/6	„ „	4/9

The exceptional increase in the cost of ingredients used in the
manufacture, also bottles, labour, &c., necessitates this step being taken.

NEW WHOLESALE TERMS:

1/1 $\frac{1}{2}$	size	12/6	per dozen.
2/9	„	30/-	„ „
4/9	„	50/-	„ „

Less 20 per cent. Discount.

Members of the trade are also requested to note that the minimum
selling prices to the public will be as under :

1/-, 2/5 and 4/-.

EDWARDS' "HARLENE," LTD.

20, 22, 24, 26 Lamb's Conduit St., London, W.C.

Profits For You

That's what you're in business for. Handle the line of Toilet Preparations which sells quickest and at the largest margin of profit.

INGRAM'S OFFER.

1/2 Doz. Milkweed Cream	Retails for 2/- each	(2.00)	8/-
1/2 Doz. Velveola Souveraine (Face Powder) ..	" " 2/- "	(2.00)	8/-
1/2 Doz. Zodenta Paste	" " 1/- "	(1.00)	4/-
1/2 Doz. Rouge... ..	" " 2/- "	(1.00)	4/-
1/2 Doz. Perfume, 1 oz. ass't. in fancy packages ..	" " 4/- "	(4.00)	16/-
		10.00	£2

Delivered prepaid Parcel Post.- We will send advertising matter and samples packed with the goods.

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, asking them to call at your store and get free our Guest Room Package, containing one each of the above in sample sizes, including perfume.

If more convenient to you, specify shipments from our Canadian Branch.

FREDERICK F. INGRAM CO.

(ESTABLISHED 1885)

411 Lafayette Blvd. W., DETROIT, U.S.A.

CANADIAN BRANCH: WINDSOR, ONT.



Twenty-five years continuous advertising has made this trademark known wherever American and Canadian publications are read.

TINFOIL PURE TIN (Free from Lead).

All Thicknesses, Sizes, Shapes, and Designs for the Wrapping of

**DRUGS, CHEMICALS,
PLASTERS, BANDAGES,
AND SANITARY APPLIANCES.
BOTTLING FOILS.**

SHAVING SOAPS FOILS
(Designed and Perforated).

**TOILET SOAPS FOILS,
AND FOILS FOR COMPRESSED
TABLETS OF FOODSTUFFS,
DRUGS, PILLS, LOZENGES, &c.**

CHOCOLATE (Embossed or Printed).

Also in REELS for WRAPPING MACHINES and

LEAD & COMPOSITION FOILS
for special Chemical Wrapping.

H. ERHARDT & CO. Ltd.

9 & 10 Bond Court, Walbrook,
LONDON, E.C.

Established 1870. Telephones 383 and 384 City.
Telegram: "ERHARDT LONDON."

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
Manufacturing Chemists

HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	7 1/2d.	5/6
" " " " " "	1/2	10/-
" " " " " "	bottles in cartons } 1/6	12/-

*Losall's Salt sells so well, surely it must pay Pharmacists to stock such a large profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, 13/6 per dozen boxes net. especially suitable for use in Eczema

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

SAVE 3/- PER GALLON
BY BUYING
GUARANTEED GENUINE
NEWFOUNDLAND NON-FREEZING
MEDICINAL COD LIVER OIL
OF 1916 MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL."

Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F.

Established 1780.

Make a Note of "Carmex"



You are certain to receive inquiries for this new preparation for infants' digestive disorders. Put it on your "want list" now. Any Wholesaler can supply. Particulars of special bonus for counter display sent on request.

Retail
 1/3
 P.A.T.A.

Carmex

Wholesale
 11/-
 per dozen.

WILLIAM BROWNING & Co. Manufacturing Chemists,

Albert Works, Park Street, London, N.W. 1.

Telephone - Hampstead 4046.

Telegrams - "Semprolin, Norwest, London."

Shears' Patent Mulser or Homogenizer

FOR PERFECTING EMULSIONS AFTER THEY
HAVE BEEN MADE IN ANY FORM OF MIXING
MACHINE,

AS USED BY MOST LEADING FIRMS

Price £29 10s. each.

A SIMILAR MACHINE, BUT FITTED WITH
SPECIAL BACK GEAR, RATIO 4 to 1, FOR
HOMOGENIZING VERY HEAVY EMULSIONS,

Price £39 10s. each.

BENNETT, SONS & SHEARS, Ltd.

Engineers & Coppersmiths,

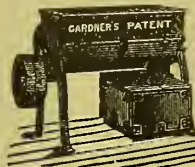
**43 SHOE LANE,
LONDON, E.C.**

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS

OVER 4,000 working in

almost every Trade where
POWDERS are Sifted and
Mixed and Lumps Re-
duced, all being done at
one operation and without
loss by dust



FOR HAND OR POWER.

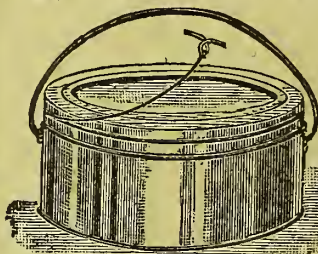
From 55/- to £90.

CATALOGUES FREE.

WM. GARDNER & SONS, Engineers, GLOUCESTER.

The Northern Tin Canister Works,

6 Mersey Street,
LIVERPOOL.



We manufacture for
the paint trade in all its
branches—Decorated and
Plain work.

**TIGHT SEAMING &
VARNISH BOTTLES
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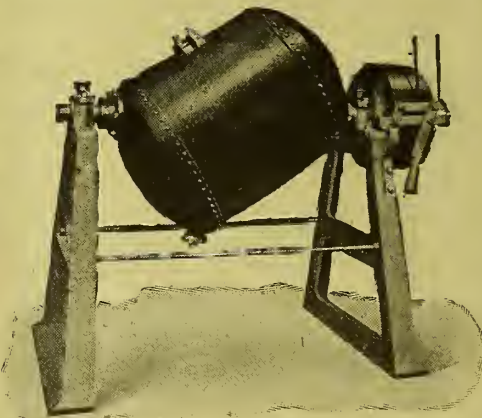
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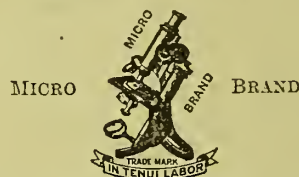
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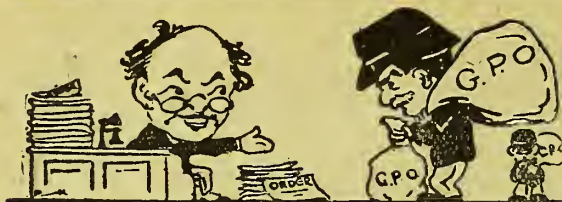
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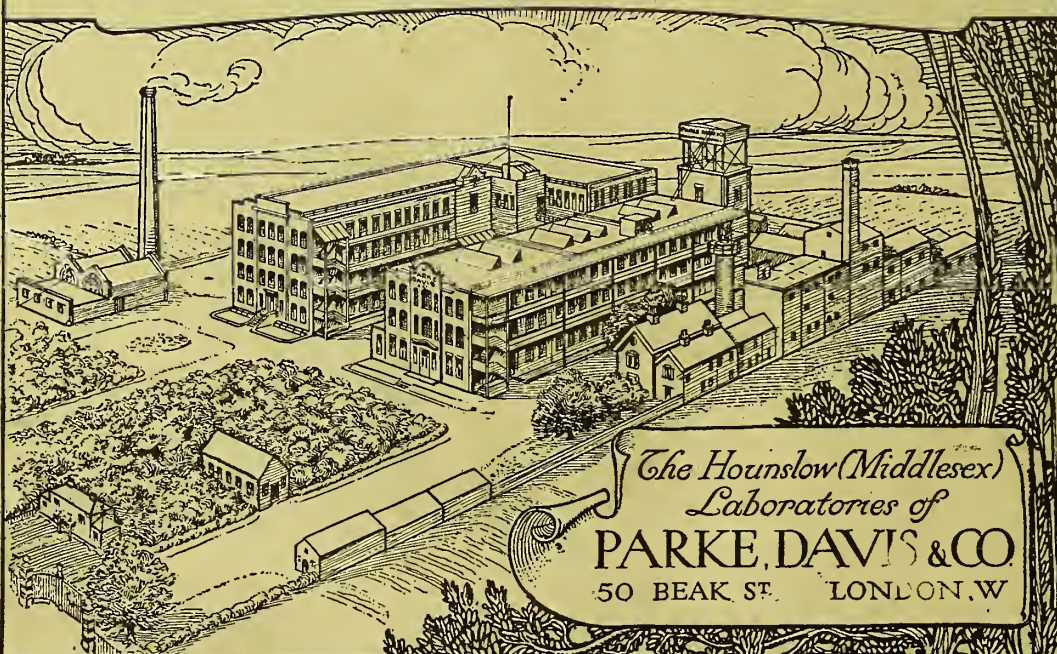
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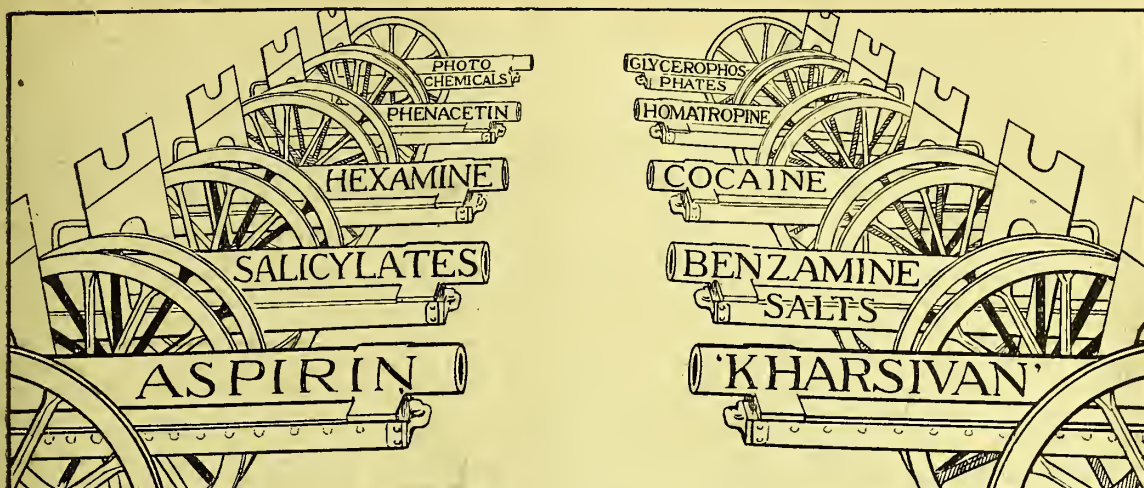
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Coming Events.

Sunday, April 29.

Pharmacists' Volunteer Corps, Duke of York's School, Chelsea, at 10 A.M. Company parade for swearing in with 1st Battalion City of London United Arts. Members are to make a special effort to be present.

Tuesday, May 1.

Metropolitan Chemists' Associations (including Middlesex, Essex, and West Ham). Joint meeting, Holborn Restaurant, London, W.C., at 8.30 P.M. Messrs. A. H. Jenkin and J. Kirkpatrick will address the meeting.

Hull Pharmacists' Association. Mr. L. S. Sellé on "Chemists' Bookkeeping and Income-tax."

Wednesday, May 2.

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 11 A.M. Council-meeting.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4.30 P.M. Mr. J. C. Shenstone, F.L.S., on "Herb-growing in the British Empire: its Past, Present, and Future."

Birmingham Chemists' F.P.A. Whist-drive at 8.15 P.M. (see p. 34).

South-East London Pharmacists' Association, Maitland House, 134 Greenwich Road, Greenwich, at 8.45 P.M. Mr. F. Cherry and Mr. J. Hearle will speak on "The Development of Ucal and its Advantages to Pharmacists."

Thursday, May 3.

Chemical Society, Burlington House, Piccadilly, London, W., at 8 P.M.

North London Pharmacists' Association, St. Padarn's Hall, Salterton Road, Holloway, N., at 3 P.M. Annual meeting.

European War News.

Import and Export Notices.

FRANCE.—The "Journal Officiel" of April 15 publishes three lists of goods the import of which into France was prohibited by decree of March 22. The first list is that of goods which will be allowed in without special licence; the second and third are those of restricted goods.—The validity of export licences from France for prohibited goods has been increased from 90 to 120 days.

UNITED KINGDOM.—The Supplement to the "Board of Trade Journal" (April 19) contains the complete lists of articles which, according to the latest information received by the Board of Trade, are prohibited to be exported to various destinations from British India, Canada, New Zealand, South Africa, Newfoundland, Egypt, Malta, Cyprus, Mauritius, and Ceylon.

Personalia.

CORPORAL CLARENCE E. SUTCLIFFE, of the Royal Engineers, who was with J. Savage & Co., Ltd., Bradford, before the war, is now in hospital suffering from wounds.

MR. IAN EWART MACDONALD, eldest son of Mr. Alexander Macdonald (J. F. Macfarlan & Co.), has, as a water-purification chemist, been appointed lieutenant in the R.A.M.C.

MR. RICHARD ALLEN BLOUNT, second son of Mr. Richard E. Blount, manufacturing chemist, North Carolina, Paris, and Brussels, has left Paris to enlist as a volunteer in the French Foreign Legion. He is twenty-two years of age.

SECOND-LIEUTENANT J. R. GOLDTHORPE, Northumberland Fusiliers, has been wounded, and is now in a base hospital. He is a Minor man, and served his apprenticeship with his brother, Mr. W. T. Goldthorpe, chemist, Butcher Row, Beverley, and after qualifying in April 1912 became manager of the Batley branch of Taylor, Ltd.

SECOND-LIEUTENANT H. S. KUTNOW, of the Army Ordnance Department, has been promoted to a lieutenancy, and the fact was gazetted on April 20. Mr. Kutnow is the only son of Mr. Sigismund Kutnow, and, like his father, a director of S. Kutnow & Co., Ltd. He is a M.A. of Cambridge University, and speaks fluently several European languages.

STAFF-SERGEANT W. H. TAITE, Yea, Victoria, and Staff-Sergeant J. G. Fitzpatrick, East Prahran, Melbourne, two pharmacists acting as dispensers with the Australian Imperial Forces, called at the C. & D. office this week. They are both keenly interested in their work and in the drug-trade of this country. Both will shortly be returning to Australia as dispensers on a hospital-ship.

CAPTAIN D. LLEWELYN WILLIAMS, R.A.M.C., F.R.C.S. Ed., on whom the King conferred the Military Cross at Buckingham Palace on Wednesday, April 25, is medical officer for Wales under the National Health Insurance Commission, and previous to that was M.O.H. for the county of Denbigh. He is at present the Commanding Officer of the sanitary section in connection with the Welsh Army Corps. Captain Williams qualified as a chemist and druggist in December 1891, was in business for some years at Rhyl before studying medicine and taking the "Triple Qual." in Edinburgh.

Miscellaneous.

A CENSUS OF TANNING-MATERIALS is to be furnished by importers to the Director of Army Contracts, Raw Materials Section, Imperial House, Tothill Street, S.W. 1.

ENEMY PATENT AND TRADE-MARK.—Levinstein, Ltd., Crumpsall Vale Chemical Works, Blackley, Manchester, are applying for the suspension or for a licence to use patent 24652/10, "manufacture of 3,6 diamino-acridine and its derivatives," belonging to Leopold Cassella & Co. The applicants also desire the avoidance or suspension of trade-mark 327437 ("Trypaflavin"), belonging to the alien enemy company who own the patent.

MEDICAL MEN CALLED UP.—Medical men of military age are being called upon under the Military Service Acts to offer their services for overseas medical work in connection with the Army. This is consequent upon a decision of the War Cabinet to establish a larger number of hospitals in the various theatres of war, so as to prevent risk of submarine attacks on hospital ships—the latest instance of the German disregard for the accepted tenets of civilised warfare. Doctors over military age are also asked to undertake substitution work which would help to release any man of military age who cannot otherwise be spared.

EXAMINATION of samples of importation of "senna" leaves into New York has disclosed that the material contained considerable amounts of *Tephrosia apollinea*, which contains a toxic glucoside, tephrosin.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Promoting Anglo-French Trade.

At a preliminary meeting held in the Council Chamber of the Federation of British Industries, 39 St. James Street, London, S.W., on April 19, to consider the formation of the British section of the Association "France-Grande Bretagne," Mr. J. W. Lowther, M.P., was elected President and Lord Moulton Vice-President. The Executive Committee includes Sir Edward Evans (Evans Sons Lescher & Webb, Ltd.), Sir W. H. Lever (Lever Bros., Ltd.), Mr. Max Muspratt (United Alkali Co., Ltd.), Sir William Pearce, M.P. (Spencer, Chapman & Messel, Ltd.), Mr. A. Barton Kent, President of the Entente Cordiale (G. B. Kent & Sons, Ltd.), and many other prominent business men. The object of the Association is to constitute a permanent organisation by establishing a constant link between the industrial, commercial, and agricultural classes of the two countries, and capable of collaborating with the Allied Governments on such questions as Customs duties, transport, credit, industrial co-operation, touring, etc.

Toilet-powders.

The Food Controller has issued a Wheat, Rye, and Rice (Restriction) Order, 1917, which prohibits the use after April 28 of any wheat flour, rye flour, rice, or rice flour except in the manufacture of articles suitable for human food, or of any article containing any wheat flour, rye flour, rice, or rice flour except as human food, but the clause will not apply to wheat flour, rye flour, rice, or rice flour which on April 28 had been so treated as to be unfit for the purposes of human food, or to any article which on April 28 was unfit for such purposes.

[According to the newspapers this Order is "a serious blow" to the manufacture of face and toilet powders, the impression being that the three flours mentioned are solely used in the manufacture of these preparations, but the following extract from "Pharmaceutical Formulas," page 18, sufficiently demonstrates what are the actual facts:

"Examination of the 'rice powders' of the market revealed the fact that none of them were 'guilty of adulteration even with powdered rice'; a fact probably due to the circumstance that this form of starch is far from being suitable as a face-powder; wheat, maize, and potato starches are more suitable, and the French makers generally add a little zinc oxide to these."

We understand that the new Order will not affect all manufacturers of face-powders, because they are not in the habit of using the restricted starches in the production of these preparations.—EDITOR C. & D.]

Birmingham.

The local medical men have unanimously decided to increase their fees on account of increased working expenses.

Coventry's inspector has reported that eight samples of medicine were certified to be accurately dispensed and nine inaccurately last quarter.

There were a thousand new cases of measles last week in spite of the M.O.H.'s explicit directions not to send the children to surgeries and institutions, but to call a doctor.

Mr. W. Ross Hedges, of Hedges, Chemists, Ltd., father of the late Captain H. W. Hedges, is presenting a cup to the Birmingham Athletic Club in memory of his son, who was a supporter of the club.

In a recent action before Judge Smith of the West Bromwich County Court, his Honour held that a manufacturing chemist's traveller is entitled to the notice ordinarily given, and three months is a reasonable period, he said. Judgment accordingly.

The Chemists' Volunteer Field Ambulance's whist-drive will be held at Ridgway's Café, Corporation Street, on Wednesday, May 2, at 8.15 p.m. Pharmacists and their assistants who desire to attend should apply for tickets (2s. each, including refreshments) to Mr. Livingstone, 366 Green Lane, Small Heath; Mr. Goodman, c/o Messrs. Hedges, Coventry Road; or Mr. Relsey, 81 High Street, Smethwick.

Liverpool.

Mr. L. Moreton Parry, who has been suffering from a bronchial attack which confined him to his room, is recovering.

Pharmacists keeping American or French stocks are running very short of supplies, most of their orders being returned with the earmark, "Forbidden."

Mr. Harold Nixon (Ayrton, Saunders & Co., Ltd.) attended the other day a national conference in Liverpool of social

welfare supervisors in factories. These officials have been trained to advance the health and efficiency of girls and women employed by large manufacturers, who must depute some of their responsibilities.

Sheffield.

Mr. E. G. Douthwaite, manager of Boots' main Attercliffe branch, has been elected Churchwarden for St. Luke's, Hollis Croft.

Trade has somewhat fallen off lately, so chemists welcome the continuation of early closing, as it will give them relaxation from business.

Councillor T. L. Holcely, Ph.C., ex-Mayor of Retford, has been appointed Substitution Officer for the National Service scheme in the Retford district.

Considering the attitude adopted recently by a section of the medical men towards the proposed reduction of hours for Insurance dispensing, it is somewhat of a surprise that they propose to curtail their own surgery hours.

Mr. Wallace E. Heaton, Ph.C. (Watson & Co.), has again appeared before the Military Tribunal and been granted exemption until September 30. Mr. Heaton is not on the chemists' panel, so has difficulty in securing conditional exemption.

The calling-up of medical men of military age is not likely to cause much trouble in Sheffield, as only thirteen doctors come under the Military Service Act, but in one district arrangements will have to be made, as the whole service is affected.

Contracts.

The following contracts have been arranged by various official bodies:

Darlington T.C.—Parkin, Ness & Co., Ltd., and W. & F. Walker, Ltd., disinfectants (six months).

Faversham Town Council.—Mr. T. J. Thomas, chemist and druggist, disinfectants.

Oldbury Urban Council.—Cuxson, Gerrard & Co., Ltd., disinfectant-powder.

Camberwell Guardians.—Regarding the contracts for drugs, tinctures, and pure carbolic acid, which expire at Midsummer, the Board has decided that the Apothecaries' Co., Burgoyne, Burbidges & Co., Ltd., Corbyn, Stacey & Co., Ltd., and C. J. Hewlett & Son, Ltd., be asked to quote for a further three months.

Miscellaneous.

THE LAKELAND NURSERIES (Mrs. Helen Mawson), Windermere, are now licensed to sell agri-horticultural poisons.

CLARE & HUNT, chemists, Harcourt Place, Scarborough, are transferring the business to No. 2 South Street.

SHOP-CLOSING.—The Home Secretary has made a new Order for the early closing of shops, the effect of which is to continue in force the existing Orders until September 30, as reported in the C. & D. last week, p. 47.

CHELLENHAM CHEMISTS have decided to discontinue attendance at their business places on Sundays from 1.30 to 6 P.M. They suggest that the public should leave prescriptions required between 10.30 A.M. and 12.30 noon, and between 6 and 8 P.M.

FOR FARMERS the Board of Agriculture has made arrangements with leading banks in England and Wales to lend them money to purchase seeds and manures. The arrangement is explained in special leaflet No. 72. Cutting of seed potatoes is the subject of No. 74, which can be obtained free from the Board, Whitehall Place, London, S.W.

ANGLO-RUSSIAN HOSPITALS.—An exhibition in aid of these hospitals is to be opened at the Grafton Galleries on April 30. One section will include exhibits of chemicals of British manufacture and exhibits of British-grown drugs by the following: Stafford Allen & Sons, Ltd., Howards & Sons, Ltd., T. Morson & Son, Ltd., and Whiffen & Sons, Ltd.

POTATO-SPRAYING.—In order to help allotment-holders, gardeners, and small cultivators generally, the Food Production Department, Victoria Street, S.W.1, has made arrangements to supply knapsack spraying-machines at 3l. each, inclusive of packing and carriage. The Department, it is added, will also supply the chemicals required for making up the spray. The material will be sent out ready for use, and will only require to be mixed with water.

SPECIAL CONSTABULARY AMBULANCE.—Mr. William F. Freeman, M.S.C., managing director of Freeman's Chlorodyne, Ltd., has collected within the last three weeks the sum of 82l. from members of the trade for the Metropolitan Special Constabulary Motor Ambulance Fund (for supplying motor-ambulances to the troops at the Front), and he hopes all interested will forward their donations to him at

70 Kennington Park Road, S.E. 11, to make the grand total one hundred guineas by Tuesday next (the last day for collecting).

POISONINGS.—The week's fatalities from poison include the following cases: An overdose of veronal caused the death at Chelmsford of Mrs. Burton, and at Southend-on-Sea a seaman named Meason died from veronal taken during temporary insanity.—A Warrington medical man, Dr. Geo. Jefferson, took morphine to induce sleep, but an overdose caused his death.—A journalist named Harris, of Mevagissey, committed suicide with carbolic acid.—Mr. Muir, the curator of the Beechfield Museum, Doncaster, was found dead in his room, having taken a large quantity of chlorodyne and also allowed the gas to escape in the room. The Coroner's inquest has not been held yet.

Irish News.

Brevities.

Resolutions of sympathy with Mr. Huston Lancashire, J.P., Ph.C., on the death of his daughter Kathleen (C. & D., April 21, p. 39) have been passed by the Ballymena Nursing Society and also by the Magistrates at Ballymena Petty Sessions.

The Local Government Board has written to the Clonmel, Cork, Dundalk, and Thomastown Guardians in regard to the acceptance of tenders for drugs or surgical appliances which were not the lowest of those sent in. The Clonmel, Cork, and Thomastown Guardians have accordingly allotted the contracts to Sumner & Co., but the Dundalk Guardians are asking the Local Government Board to reconsider its attitude owing to the impossibility at present of obtaining promptly supplies from Liverpool.

Scottish News.

Golf at Aberdeen.

The Aberdeen and District Chemists' Golf Club celebrated the commencement of its existence on Wednesday, April 18, when a large number of chemists journeyed by tram and rail to the Murcar golf course, some three miles from the city, having, through the courtesy of the Murcar Club, been granted the privilege of the course for the afternoon. The weather was ideal from a golfer's point of view, and a most enjoyable match, by stroke play, was engaged in. After the match tea was served in the clubhouse. The prizes, which were given by the President (Mr. A. G. Beattie), were won by Mr. Mitchell, who took the first with 85 strokes, and Mr. Duncan took the second with 94. Mr. Hay carried off the "booby" prize.

Edinburgh.

"Golden syrup, sij," is being occasionally ordered in mixtures.

Mr. H. W. Turner, ironmonger, Corstorphine, is applying for an agri-horticultural poisons licence.

Mr. Struan Bain, son of Mr. John Bain, Ph.C., Bridge of Allan, has passed the Medical Preliminary examination of the Edinburgh University.

The Edinburgh Anti-Opium Committee have forwarded a resolution to the Prime Minister, the Foreign, India, and Home Offices, the Board of Trade, and the local members of Parliament, deploring the continued export of morphia in non-medicinal quantities to Japan, whence it is smuggled into China.

The accounts of the St. Cuthbert's Co-operative Association, Ltd., for the half-year which ended on March 20 show that the net sales in the drug department were as follows, the figures in parentheses being profit:

Bread Street ...	...	£2,191 1 10	(£937 15 6½)
Tynecastle ...	...	1,218 1 7	(497 1 6½)
Hamilton Place ...	...	736 6 11½	(229 7 7)
Nicolson Street ...	...	1,096 7 4½	(377 13 6½)
Montrose Terrace ...	...	468 16 0	(160 11 8½)
Haddington Place ...	...	841 0 1½	(350 19 6)

The cost of the drugs and distribution expenses are the only charges against the sales.

Glasgow and the West.

Mr. Robert A. Barry, sole partner of the firm of Thomas Young & Co., chemists, King Street, Kilmarnock, is carrying on business at the same address under his own name.

The Trade Committee of the Glasgow and West of Scotland Chemists' Association has issued another price-list,

April 11; the previous one was dated January 27. It contains prices of drugs and chemicals, tablets, infants' foods, and proprietary articles. "All 1d. tinned articles are now 1½d.," and "all 2½d. soaps are now 3d. each." Mr. Alex. Murray, 38 Herriet Street, Pollokshields, is the Hon. Secretary of the Trade Committee. To him cases of under-cutting are to be reported.

The Musical Section of the Glasgow Pharmacy Athletic Club gave an entertainment to the wounded soldiers, nurses, and attendants at Bellahouston Red Cross Hospital on April 17, in the concert-hall at the hospital. The singers were Miss Allan, Miss McCutcheon, and Miss Chisholm, Messrs. Gowans and Dickson, while Mr. Waterman's rôle was light comedy. The *pièce de résistance* was an amusing sketch relative to a doctor and his patients. The actors were Messrs. Simpson, Curley and McKenzie, and Miss Allan brilliantly sustained the part of the patient. Messrs. Moffat, McKenzie, Laurence, and Howatt formed the orchestra, which Mr. Duff conducted.

Pharmaceutical Society (North British Branch).

Mr. David Gilmour presided at a meeting of the Executive, held at 36 York Place, Edinburgh, on April 18, the other members present being Messrs. W. L. Currie, R. G. Drummond, J. H. Fisher, J. H. Forbes, W. Giles, T. Guthrie, J. Jack, T. Mackenzie, A. McMillan, R. Marshall, D. Storrar, and J. H. Thomson. The last-named has been elected in place of the late William Doig, Dundee, whose death and that of Mr. George Mackay were referred to by the Chairman, who also welcomed Mr. Marshall (Grangemouth) and Mr. Thomson. It was agreed to follow last year's procedure as to the re-election of the Executive, so as to avoid voting-papers. Reports were submitted in regard to the Society's membership in Scotland, the closing of shops, the action in respect to the Criminal Law Amendment Bill and the Venereal Diseases Bill, the Registration of Business Names Act, the position of sugar and glycerin supplies, and questions arising in regard to military and National Service. Finally, the Executive went into Committee to consider the draft annual report, which was approved and remitted to the Chairman and Resident Secretary for adjustment and transmission to the Council. It was mentioned, in regard to business names, that if the designation of a business gives the name of the executor, as well as the name of the deceased chemist, in such a form as "Mary Brown, executrix of John Smith, chemist and druggist," there is no necessity for registration under the Act, but that if the designation is either merely "Executrix of John Smith" or "John Smith," then registration under the Act is necessary. In regard to military and national services, objection was lodged against the military authorities' suggestion of one pharmacy for each 10,000 of the population and pooling of the remaining businesses to compensate those called up. Such a scheme, in the opinion of the Executive, has many objections and insuperable difficulties which make it impracticable.

Deed of Arrangement.

Scott, John Simpson, pharmaceutical chemist, 50 High Street, Holywood, co. Down. Trustee, H. B. Brandon, accountant, 7 Donegall Square, W. Belfast. Dated, April 6; filed, April 11. Liabilities unsecured, 768%; estimated net assets, 250%. Among the creditors are: Robert Orr, Belfast, 100%; R. Sumner & Co., Liverpool, 12l. 10s.; and Sir Wm. Baxter, Coleraine, 10l.

Wills.

THE LATE CHARLES W. HARRIS, secretary of the Sanitas Co., Ltd., left estate valued at 4,945l. gross and 4,633l. net.

MR. THOMAS CRAVEN, manufacturing chemist, Kingston-on-Hull, who died on December 28, 1916, left estate of the gross value of 15,904l., of which 9,892l. is net personality.

THE LATE WILLIAM DALLAS, chemist and druggist, Nairn, a member of the Nairn Town Council, left personal estate in the United Kingdom valued at 1,896l., of which 1,167l. is Scottish estate.

VERONAL is one of the most deadly drugs obtainable by the public, says a medical correspondent of the "Daily Mail."

SUNDAY CLOSING IN HOLLAND.—It is only possible to close pharmacies in Holland on Sundays in places where there is more than one pharmacy. The laws also prevent the closing of pharmacies at night.

Legal Reports.

Alleged Libel.—In the King's Bench Division, Dublin, on April 23, before Mr. Justice Dodd, in the action in which Mr. Samuel Tarrant, solicitor, Sligo, is plaintiff, and Mr. Patrick N. White, Ph.C., Sligo, is defendant, an application was made on behalf of the defendant for liberty to deliver interrogatories. The action was brought to recover damages for alleged libel contained, it was stated, in a letter written by the defendant to the editor of the "Sligo Champion." Mr. Justice Dodd directed that notice of the application, which was made *ex parte*, should be served on the defendant.

Slander Case.—In the King's Bench Division, Dublin, last week, before Mr. Justice Dodd, an action in which Mr. James Hill, Ph.C., Strabane, co. Tyrone, is plaintiff, and Mr. Joseph G. Craig, auctioneer and farmer, residing in the county Donegal, is defendant, was mentioned on an application made on behalf of the defendant for an order striking out a certain paragraph in the statement of claim. The action was brought by Mr. Hill to recover damages for alleged slander. The slanderous words were alleged to have been spoken on December 5, 1916, in the plaintiff's shop in Strabane, and bore the meaning, the plaintiff alleged, that he, as executor of Mr. Joseph A. Mackey, fraudulently converted the property of the widow and her children to his own use. The defendant pleaded that the words did not bear the defamatory meaning alleged. The paragraph of the statement of claim, which it was sought to have struck out, stated that "on numerous other occasions" the defendant charged the plaintiff with robbing Mrs. Mackey and her children in the administration of the estate of Mr. Mackey; and objection was taken to it on behalf of the defendant on the ground that no particulars were given. Mr. Justice Dodd made an order striking out the paragraph, with costs.

Zinc Ointment.—At Woolwich Police Court, before Mr. Hay Halkett, on April 21, Mr. Neil C. Sinclair, chemist and druggist, 112 High Street, Woolwich, was summoned, under Section 6 of the Sale of Food and Drugs Act, 1875, for selling zinc ointment which was reported to be 17.2 per cent. deficient in zinc oxide. Mr. C. H. Kirby defended on behalf of the Chemists' Defence Association, and stated that the ointment had been purchased by defendant under a warranty. After evidence for the prosecution by Inspector Tedham, who deposed to purchasing two threepenny tins of the ointment in defendant's shop, Mr. Sinclair stated in evidence that he purchased from a firm of druggists' sundriesmen a 4-lb. tin of zinc ointment in August 1916. At the time he had none of the ointment in stock, and since had bought no other than the 4 lb. Some of the ointment was placed in a jar, and the small tins were filled from the jar. He did nothing to the ointment, and sold it exactly in the state in which it was supplied to him. In reply to the Town Clerk, witness stated that benzoated lard is now 1s. 11d. per lb. and zinc oxide 1s. 6d. per lb., while the price of zinc ointment is 2s. per lb. Witness also replied to questions put by the Magistrate, his evidence being corroborated by Mr. Neil S. Sinclair, his son, who sold the ointment to the inspector, whereupon the Magistrate dismissed the summons, stating that defendant had established his case.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

PLYTOL CHEMICAL Co., LTD (P.C.).—Capital 2,000*l.* Objects: To carry on the business of dealers in and factors of disinfectants, sheep dips, chemicals, oils, etc. The first directors are M. W. Middleton, C. J. Gillett, and J. J. Middleton. R.O., 34 Oxford Street, W.

CLARE & HUNT, LTD. (P.C.).—Capital 2,000*l.* Objects: To take over the business of a chemist and druggist carried on by John Clare as "Clare & Hunt" at 1 Harcourt Place and 2 South Street, Scarborough. The first directors are J. Clare, Miss M. J. Clare, and T. W. Outhet.

GLASGOW SCIENTIFIC INSTRUMENT Co., LTD. (P.C.).—Capital 6,000*l.* Objects: To purchase the business of the Glasgow Scientific Instrument Co., West Campbell Street, Glasgow. The first directors are J. Wallace and A. A. McNeill, jun. R.O., 185 West George Street, Glasgow.

WALTER ELLIS, LTD. (P.C.).—Capital 500*l.* Objects: To carry on the business of manufacturers of and wholesale and retail dealers in drugs, chemicals, toilet and other re-

quisites, etc. The subscribers and first directors are A. Edmondson and Mrs. M. Edmondson. R.O., 69 Albion Street, Leeds.

BENGER'S FOOD, LTD.—The directors recommend a final dividend upon the 1*l.* ordinary shares of 1s. 3d. per share, free of income-tax (making 2s. 3d. for the year), for the half-year ended March 31.

UNITED ALKALI Co., LTD.—The directors report that the year's trading justified the payment of the final dividend on the preference shares and also a final dividend of 2s. per share, making, with interim dividend, 3s. per share, less income-tax, on the ordinary shares.

WRIGHT, LAYMAN & UMNEY, LTD.—The report for the year ended December 31, 1916, states that the trading of the company has proved satisfactory. The accounts show that, after providing for bad debts, depreciations, income-tax, and excess-profits duties, there is a trading profit of 23,708*l.* 13s. Adding the amount brought forward from last year (6,318*l.* 16s.), there remains to the credit of profit-and-loss 30,027*l.* 9s. From this the following appropriations have been made: Dividend of 6 per cent. on preference shares, less income-tax, 4,252*l.* 10s.; interim dividends of 10 per cent. on ordinary shares, less income-tax, 3,487*l.* 10s.; directors' fees, 4,479*l.* 8s. 10d.—leaving a balance of 17,808*l.* 0s. 2d. From this amount the directors recommend a further dividend of 10 per cent., making 20 per cent. for the year, and a bonus of 1s. per share on the ordinary shares, less income-tax, absorbing together 5,231*l.* 5s., and propose to transfer a further 3,000*l.* to the reserve fund, leaving 9,576*l.* 15s. 2d. to be carried forward. The directors have to record with the most profound regret the loss by death of Mr. Charles Umney, who was associated with the business from its earliest days, and had been chairman of the company since its incorporation. Mr. E. B. Layman retires from the board by rotation and offers himself for re-election.

Births.

AIRES.—At Leafmore, Frederica Road, Chingford, Essex, on April 22, the wife of W. J. Aires (representative of Sangers), of a son.

CAMMACK.—At 30 Webb's Road, Clapham Common, on April 18, the wife of Jeffrey Cammack, chemist and druggist, of a son.

HORSBURGH.—At 52 Grange Loan, Edinburgh, on April 22, the wife of James David Horsburgh, chemist and druggist, of a son.

MAW.—At The Gatehouse, Nutfield, on April 25, the wife of Mowbray Trentham Maw, of a son.

MORRIS.—At Sutton, Surrey, on April 18, the wife of W. Osmond Morris, chemist and optician, of a son.

ROBB.—At 325 Paisley Road, Glasgow, on April 24, the wife of David W. Robb, pharmacist, of a son.

ROBINSON.—At 46 York Road, Dartford, on April 12, the wife of W. T. Robinson, Ph.C., of a son.

SALAMON.—At Rose Villa, Harrow Road, Sudbury, Middlesex, on April 23, the wife of Maurice S. Salamon, B.Sc., F.C.S., of a son.

Marriages.

ARNOLD—HENDERSON.—At St. Columba's Church of Scotland, Pont Street, S.W., on April 20, Ernest F. J. Arnold (R. W. Greeff & Co.) to Mary Riddell, younger daughter of the late Robert Henderson, Northend, Farnborough, Kent.

BAXTER—WOOD.—On April 16, Ronald W. Baxter, chemist and druggist, eldest son of the late W. S. Baxter, chemist and druggist, Bramley, to Mabel Wood, 19 St. Peter's Mount, Bramley, Leeds.

BEESON—HODGSON.—At Hatton, Ceylon, Wesleyan Church, on February 16, Francis G. Beeson, pharmacist and manager of Walker & Greig, Ltd., Dickory, to Eva Lilian, second daughter of the late George Henry Hodgson and Mrs. Hodgson, Gloucester, England.

HARPER—BORTHWICK.—At 9 Market Place, Selkirk, on April 12, Second-Lieutenant Andrew Hampton Harper, Suffolk Regiment, to Lexa Mary, youngest daughter of the late A. J. Borthwick, chemist, Selkirk.

WORDSWORTH—LINDLEY.—At St. John's Church, Royston (Yorks), on April 9, Frederick Ellis Wordsworth, pharmacist, Leeds, to Monica Gertrude, only daughter of Mr. and Mrs. F. Lindley, Royston.

Deaths.

BUSBY.—On April 12, Sarah, wife of Mr. James Busby, chemist and druggist, Harpenden, Herts, aged eighty-two.

DUNN.—At Shipley, last week, the wife of Alderman H. Dunn, Ph.C., aged seventy-two.

FORREST.—At Monart, Croft Road, Torquay, on April 12, Mr. John Kerr Forrest, F.C.S., chemist and druggist, Brae Lea, Austen Road, Guildford, and formerly of Hawsleigh, St. Kilda, Melbourne, aged sixty. Mr. Forrest served his apprenticeship in the retail pharmacy of J. F. Macfarlan & Co., North Bridge, Edinburgh, and passed the Minor examination in September 1874. Afterwards he came to England, and was for some time with Sumner & Co., Liverpool, and later with Davy, Yates & Routledge, London, working in their laboratories. In 1882 he went out to Felton, Grimwade & Co., Melbourne, and took charge of the chemical and galenical manufacturing side of their business. He visited this country in 1910, and attended the meeting of the British Pharmaceutical Conference at Cambridge. He returned to Australia for a short time, but retired and came home, taking a house in Guildford. There he lost his wife about a year ago, and, to the regret of those who knew him, his own health recently began to suffer, and his visit to Torquay did not stay the end. Mr. Forrest was a charming man, and exceptionally well informed in regard to chemical and pharmaceutical matters, especially in respect to their development in Australia.

GARDINER.—At Norwich, on April 21, Mr. William John Gardiner, chemist and druggist, aged eighty-five. For forty years Mr. Gardiner had carried on business in St. Giles Street, Norwich, but previously had a pharmacy in London Street, having been registered as in business before August 1, 1868. For thirty years he had acted as Registrar of Births and Deaths for the Wymer district. He was a highly esteemed Churchman, and in business a man of sound principle and most kindly disposition.

JOSEPHS.—At 197 Southgate Road, Mildmay Park, London, N., on April 23, Lena, widow of Philip Josephs, and mother of Mr. Philip Josephs and Mr. Percy Josephs, directors of Philip Josephs & Sons, Ltd., shopfitters, 93 Old Street, London, E.C., aged sixty-one.

MORRIS.—At Tisbury, Wilts, last week, from pleurisy, Mr. Herbert Morris, chemist's assistant, late of Darwen, aged twenty-one.

PESCI.—At Bologna recently, Professor Leone Pesci, Professor of Chemical Pharmaceutics at Regia University, aged sixty-five.

Died on Service.

BRODIE.—Killed in action, Second-Lieutenant Brodie, Royal Scots, aged twenty-three. Before the war he was an assistant with Judge Raffan, chemist and druggist, Stirling.

CARE.—Killed in action, Second-Lieutenant Grahame Bristowe Care, Royal Scots, youngest son of Mr. and Mrs. H. Bristowe Care, Cruin Cottage, Bonnyrigg. He was educated at the Royal High School, Edinburgh, and subsequently was apprenticed to the North British and Mercantile Insurance Co., Edinburgh. He enlisted in the Royal Scots in September 1914, and did good work, receiving a commission. His father represents Southall Bros. & Barclay in Scotland, and is well known to many in the drug-trade, so that much sympathy is felt for him and Mrs. Bristowe Care in their loss.

CUMMING.—Killed in action on April 1, Lance-Corporal James Cumming, elder son of Mr. James Cumming, chemist and druggist, Stonehaven, aged twenty-eight.

HANSON.—Killed in action, Fergus Hanson, of the Royal Field Artillery, who was an assistant with J. Savage & Co., Ltd., 254 Manchester Road, Bradford.

RICHARDS.—Killed in action on October 12, 1916, Private R. A. Richards, of the King's Liverpool Regiment, youngest son of Mr. A. B. Richards, managing director of George Ball, Ltd., chemists, Lord Street, Southport. Private Richards was one of three brothers in the Army, and was an assistant with Mr. James Righton, chemist, Lord Street, Southport.

SANDISON.—Died of wounds, Burnett Sandison, Royal Scots, aged nineteen. Prior to enlistment he was an apprentice with Baildon & Son, chemists, Edinburgh.

GREEN LIMES are imported from Dominica into New York for the purpose of making "gin rickie," and it is expected that other West Indian islands will also supply the fruit. Britishers will have to see that this does not develop into interference with their lime-juice supplies.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

VENEREAL DISEASES BILL.

The House of Commons spent fully three hours on Monday afternoon, April 23, in discussing this measure on the motion for second reading, which was agreed to, and the Bill committed to a Committee of the whole House. The debate was opened by Mr. Hayes Fisher, Parliamentary Secretary of the Local Government Board, and he was followed by Mr. King, M.P. for North Somerset, Captain Frederick Guest, Sir William Collins, Mr. Glyn-Jones, Sir J. D. Rees, Mr. John Dillon, Colonel Sir Hamar Greenwood, Sir G. Radford, Mr. Boyton, Mr. Chancellor, Mr. D. Mason, and Mr. France. A full report of the debate would occupy ten of our pages, so we refer those who, for business or other reasons, want a verbatim report to get the House of Commons Debates for Monday, April 23 (vol. 92, No. 42), as published by H.M. Stationery Office at 3d. net, which can be purchased through any bookseller or directly from H.M. Stationery Office at the following addresses: Imperial House, Kingsway, London, W.C. 2, and 28 Abingdon Street, London, S.W. 1; 37 Peter Street, Manchester; 1 St. Andrew's Crescent, Cardiff; 23 Forth Street, Edinburgh; or from E. Ponsonby, Ltd., 116 Grafton Street, Dublin. Here we give synopses of the speeches.

Mr. Hayes Fisher spoke of the Royal Commission's Report and said that evidence leads us to the conclusion that the disease is stationary or not increasing. He gave available figures in regard to the population proportion of cases, and proceeded to show that the measure is in one sense a War Bill, as experience shows that the diseases are more prevalent after war. He defined the Bill's provisions thus:

"What the Bill does is to prohibit all persons except qualified medical practitioners from treating venereal disease, or prescribing or advising in connection with it. The Bill makes it illegal to dispense any drug or other preparation as a remedy for venereal disease unless on the written prescription of a qualified doctor. The Bill will not apply to the sale of those substances to doctors or to wholesale supply. Offences are punishable on summary conviction to a fine of 100l. or six months' imprisonment, or on indictment by imprisonment for two years."

He proceeded to speak about quacks, and said it is not the intention of the Department to drive out all those who are not qualified medical practitioners, afterwards speaking about herbalists. He said that the man who suffers from venereal disease is in a different position from the man who suffers from another disease, therefore special conditions should apply. He admitted that the Bill interferes with chemists, saying:

"I have no desire to do any harm whatever to chemists, who are a most splendid body of men, doing a particularly great service at the present time."

He referred again to the Royal Commission's Report, quoting from it, and concluded by saying that the Bill would be sent to the same Grand Committee that dealt with the Criminal Law (Amendment) Bill.

Mr. King spoke about the proposal to institute a Ministry of Public Health, saying that it is putting the cart before the horse to bring in this Bill before one dealing with the Ministry. He elicited from Mr. Hayes Fisher the declaration that "the Bill refers only to England and Wales," not to the United Kingdom, and proceeded to question the wisdom of the policy of confining treatment to qualified medical practitioners, mentioning in this connection Mr. Barker and Pasteur as being outside that category, following up with a tribute to Lord Lister as the first one to carry out in surgery Pasteur's teaching. He then spoke about Salvarsan treatment, pointing out that "Salvarsan is a patent medicine, a proprietary medicine, not available in the ordinary way," and that Ehrlich admitted having seen 164 deaths from it. He concluded by saying that he believed the "Bill to be ill-conceived, unnecessary and altogether ill-timed."

Captain Guest's speech was devoted to the occurrence of venereal diseases in the Army, and was interesting from beginning to end, especially in respect to the number of cases—43 in 1,000 soldiers.

Sir William Collins, as a medical man, was not very informative, but he referred to the Cocaine Committee's Report, and mentioned that the Apothecaries Act, 1815, does not forbid practice by unqualified practitioners, and said that scientific medicine and surgery needs no justification, but can stand on its own merits "without these illegitimate rivals being suppressed under penalty of hard labour or fine."

* The text of the Bill was printed in the C. & D., March 10, p. 83, q.v.

Mr. Glyn-Jones took up the Apothecaries Act point, and explained the decisions of the Courts as to what an apothecary is, saying that if the Act's provisions were enforced "nine-tenths of the evil that the Bill is intended to hit would be removed." Next he dealt with the principle of the Insurance Act, "prescribing by physicians and dispensing by pharmacists," pointing out that this Bill violates that by making patients go to doctors and allowing the latter to "make a profit by selling the remedies which they supply." Nor can the patients get treatment anywhere else: that he protested against; then he criticised Sub-Clause 2 as regards the proposed area provisions, dealt briefly with the Salvarsan treatment, and pointed out some curious things that may arise from the area arrangement. "Sub-Clause 2 of the Bill is absolutely unworkable," he said, and he concluded thus:

"The pharmacists for whom I am speaking desire me to say that the last thing which they would desire to do is to prevent in any way the treatment of any disease, and they agree that there is a case, not stronger than in reference to tuberculosis or other diseases, that the ignorant public should be protected from the charlatan and the quack; but they think that this is the wrong way of doing it, and that it would be much better to deal with the question as a whole. They would be sorry to be the means of preventing this Bill going through, but I assure the right hon. gentleman that so far as Sub-Clause 2 [of Clause 1] and the provision limiting application to areas are concerned, they will meet with the most strenuous opposition. I shall be glad to hear from the right hon. gentleman that he is prepared to consider the suggestions which I have made."

Sir J. D. Rees prophesied that the Bill will be "pounded into pieces" by the Grand Committee, and spoke of the Salvarsan treatment, which may become as little respected as mercury treatment.

Mr. J. Dillon said that the Bill is "a bad specimen of panic legislation," and as a medical man stated that few in the profession (when he was in it) could diagnose and treat venereal diseases. He told the House how he met in Italy Mr. Angior, of Boston, who discovered Angier's Emulsion, the result being a colossal fortune. The Salvarsan treatment was then touched, and Mr. Dillon dealt briefly with the temptations that soldiers succumb to at our great railway stations.

Sir Hamar Greenwood took up this last point, speaking principally about Canadian soldiers, and said that the Bill is "an earnest effort to deal with a disease which is largely due to lax administration in the past."

Sir G. Radford thought "the best thing to do with the Bill would be to chuck it into the dust-bin."

Mr. Boyton denied that the Bill was promoted by the medical profession, and welcomed it most heartily.

Mr. Chancellor said "the first thing the Bill will do is to make almost impossible the ordinary chemist and druggist business." It will be dangerous for any chemist to sell any medicine of any kind unless he has a prescription, and if a person purchases medicine otherwise it will become his duty to ask whether it is for one of these diseases or not. He considered that the danger pointed out by Mr. Glyn-Jones "is a very real one," and he criticised other provisions in the measure.

Mr. Mason criticised this speech and welcomed the Bill. Mr. France spoke chiefly on the Army aspect, saying that the Bill does not tackle the subject with half enough seriousness.

This concluded the debate.

[Arguments in support of the Bill were, in effect: If the State provides treatment it is fair to prevent non-recognised treatment. On the other side the objections put forward by THE CHEMIST AND DRUGGIST were used, thus justifying our action.—EDITOR C. & D.]

AMENDMENTS.

Mr. Glyn-Jones, in his speech to the House, criticised the area provisions very severely. In amendments, of which he has given notice, he proposes to leave out of Clause 1 the words: "In any area in which this Act is in operation." To Sub-Clause 1 he proposes to add:

"(2) No qualified medical practitioner shall supply to any patient any remedy for the treatment of venereal disease except in areas in which for the time being a medical practitioner is permitted to supply drugs or medicines to insured persons under the National Insurance Acts, or in cases where the practitioner himself administers the remedy to the patient."

He proposes to leave out Sub-Clause 2 of the Bill (referring to the supply of remedies), and to put in its place the following Sub-Clause:

"(2) Any person who holds out or recommends to the public by any public notice or advertisement, or by any written or printed papers or handbills, or by any label or words written or printed affixed to or delivered with any packet, box, bottle, phial, or other inclosure containing the same, any pills, powders, lozenges, tinctures, potions, cordials, electuaries, plaisters, unguents, salves, ointments, drops, lotions, oils, spirits, medicated herbs and waters, chemical and official preparations, whatsoever to be used or

applied externally or internally as medicines or medicaments for the prevention, cure, or relief of any venereal disease, shall be guilty of an offence under section three of The Indecent Advertisement Act, 1889.

Provided that regulations may be made providing for the publishing or notification of the therapeutic properties and uses of any drug, medicine, or appliance in connection with the prevention, cure, or relief of any venereal disease, in such manner and to such persons as the Local Government Board may direct."

He also proposes to reduce Sub-Clause 4 to the words:

"In this Act the expression 'venereal diseases' means syphilis, gonorrhoea, or soft chancre."

He also proposes to leave out Clause 2, which deals with the operation of the Act by the Local Government Boards of England and Wales, Ireland, and Scotland. On Tuesday the House added the following members to Standing Committee A in respect of the Venereal Disease Bill: The Lord Advocate, Mr. Brace, Secretary Sir George Cave, Sir Henry Craik, Mr. Dennis, Mr. Dillon, Mr. Hayes Fisher, Mr. Glyn-Jones, Mr. King, Mr. Hugh Law, Sir George Radford, Mr. Rawlinson, Mr. Herbert Samuel, Mr. Snowden, and Commander Wedgwood. Lord Alexander Thynne had retired from the Committee, and Major Astor was added in his place.

SPIRITS DISTILLED.

Captain Bathurst, Parliamentary Secretary to the Food Controller, informed Mr. Aneurin Williams in the House of Commons on Monday, April 23, that licences are being granted for the purpose of distilling spirits for munitions, for the manufacture of bread, yeast, vinegar, non-alcoholic beer, biscuits, medicines and chemical foods, and for certain processes in the making of aeroplanes. Captain Bathurst added that owing to the increasing requirements of spirit for the manufacture of explosives for war purposes and essential industrial trades the use of spirit for the export trade in gin has been very considerably reduced. Only about 1,000 quarters of barley, representing 24,000 gals., has been issued for this purpose during the last three weeks. He is conferring with the Minister of Munitions with a view to stopping the issue altogether.

Captain Bathurst announced the same day that 120,000 quarters of grain is being used monthly in the manufacture of alcohol for munitions and other industrial purposes. The manufacture of alcohol is coincident with the production of yeast required for bread-making, and unless the necessary yeast can be provided by other methods it will be difficult to reduce the present limited manufacture of alcohol.

BREVETTES.

ARTIFICIAL LIMBS.—Dr. Chapple was informed on Wednesday in the House of Commons that more than 6,000 artificial limbs had been supplied since the commencement of the war.

MEDICAL MEN who are called up for military service can appeal to a Tribunal which can refer applications to the Central Medical War Committee. So says the Under-Secretary of State for War.

ARTIFICIAL MANURES.—The Department of Agriculture in Ireland has suggested to a Board of Guardians that they should use a mixture of four parts of superphosphate and one part of sulphate of ammonia.

MALT AND ITS EXTRACTS were the subject of a number of questions answered by Captain Bathurst on April 23. He said that licences for the production of malt for certain industrial purposes are being issued. It is understood that extract of malt is covered by this reply.

MILITARY SERVICE APPEALS.—"Any man coming up for medical examination under the Military Service (Review of Exemptions) Act should bring a certificate from his private medical practitioner to assist the Board in his classification," said Mr. Macpherson the other day.

COCAINE.—Mr. Brace announced in the House of Commons on April 24 that it is proposed to extend the permit to unregistered practitioners in dentistry to use preparations containing not more than 1 per cent. of cocaine for a further period of three months upon its expiry on April 30.

WEIGHTS AND MEASURES.—Mr. Bonar Law informed Sir Henry Norman the other day that Lord Balfour of Burleigh's Sub-Committee of the Prime Minister's Reconstruction Committee is now working on the question whether the metric and decimal system shall be substituted for our present methods of coinage, weights, and measures.

ASPIRIN.—The Argentine Courts have decided that, according to the law of the country, aspirin is not a valid trademark.

A CHEMIST WAG is responsible for the statement that Dr. John Bull's prescription for Von Hindenburg when run down is, "Repeat Haig's steel drops."

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Complaint against a Doctor.

On the representation of the Berkshire County Insurance Committee an official inquiry was held at Newbury on April 19 in reference to the continuance of Dr. Robert Gill Wyllie, of that town, on the panel. Mr. Fischer Williams presided, the other members of the Committee being Dr. Fiemming and Dr. Lyndon.

In opening the case for the Insurance Committee Mr. S. W. Midgley (the Clerk) said that Dr. Wyllie had occasioned the Committee much anxiety by his failure to attend patients. In one instance he received no fewer than seventeen requests to visit a girl named Williams, and only on the eighteenth message did he attend, the girl dying two days later. In another instance a man named Foster fell from his bicycle and was taken unconscious to the local hospital, whence, after brief treatment, he was sent home. Dr. Wyllie was twice sent for, but did not attend. Both persons were on his panel list. They were too ill to attend at the surgery. On two separate occasions—March 1913 and November last year—it would be stated, Dr. Wyllie was not in a fit condition to attend patients, being the worse for drink. When written to by the Committee Dr. Wyllie invariably ignored the letters. Evidence confirming Mr. Midgley's statements was then given by Mrs. Ruth Williams, mother of the deceased girl, and in the case of Walter William Foster by a friend of his named Fisher. Mr. Midgley, continuing, said that in January 1915 a sum of 10*l.* 8*s.* 6*d.* was deducted by the Committee from Dr. Wyllie's dues because of his failure to attend a patient, but no protest was made by him; and in April of the same year another member was allowed to transfer from Dr. Wyllie, but the deduction in this case had not yet been made, as the account of the other medical man had not been rendered. This course was made known to Dr. Wyllie, but no reply had been received. [Dr. Wyllie admitted having received these two letters.] Dr. Wyllie's panel list on April 1 was 1,403; and the figures in preceding years were as follows: 1913, average of 1,748; 1914, 1,711; 1915, 1,682; 1916, 1,501; and at the beginning of this year, 1,413. The majority of deductions were due to men having joined the Army. Dr. Wyllie had been in practice in Newbury for a long time.

Dr. Wyllie then gave evidence on oath, and in reference to the first case—that of Williams—said it had already been threshed out before the Insurance Committee at Reading. The insinuation that he had received seventeen calls was absolutely ridiculous, but he admitted that he forgot the only one given to him. On that day he went to London on his motor-bicycle, and on his return on the following day he saw the girl at her home in the afternoon, when he was certainly sober. There had never been a suggestion from a patient or the Insurance Committee that he had ever been the worse for drink, and he could not suggest any reason for Mrs. Williams saying that he was. He was sober when he saw Fisher. Questioned as to the allegations of insobriety, Dr. Wyllie said he had kept the matter to himself, but for three years past he had feared that he had epilepsy, fits of which caused him to be stupefied, and he had dosed himself with bromides. He grew suspicious, and feared his illness was something worse, thinking it to be kidney-trouble. He cut off meat and eggs from his diet, and had practically lived on milk for the last six or eight months. He had cut down beer and spirits to one-tenth, and now, comparatively speaking, was a teetotaler. He agreed that he did not keep his promise to visit Foster, but he had one of those peculiar fits, which only lasted for a few minutes, but stunned him for hours afterwards and took away his memory. He had consulted a medical man in London, but had not asked him to come there that day.

Replying to the Court, Dr. Wyllie said the epileptic seizures occurred about once a month until last year, when they were more frequent, and he became frightened, being checked in his work, and prevented from attending his patients. He had now obtained assistance.

Mr. Midgley replied, and the proceedings then closed.

Reports from Local Centres.

ENGLAND.

Essex.—The quarterly meeting of the Insurance Committee was held on April 24. Mr. J. H. Burrows (Chairman) presided. The Finance Sub-Committee reported that the Insurance Committee had consented to the payment to the Panel and Pharmaceutical Committees respectively for their administrative expenses for the year 1917 of sums

determined in accordance with the estimates of the said Committees, on condition that the amount paid to either Committee shall not exceed their actual expenditure for the year. The Sub-Committee also reported that the sum of 4,496*l.* 6*s.* 10*d.* had been paid to chemists for drugs, etc., supplied to insured persons for the quarter ended March 31. The Medical Benefit Sub-Committee reported that two of the members had conferred with the representatives of the practitioners and chemists on the subject of the payment of a late dispensing-fee. A memorandum agreed to at the Conference had been considered by the Panel Committee, but the Pharmaceutical Committee have not yet expressed their views upon the subject. The action of the Committee was approved. On the recommendation of the General Purposes Sub-Committee, Mr. J. H. Burrows (Chairman) was appointed representative of the Committee of the East Anglian Joint (Pricing of Prescriptions) Committee, and Mr. C. E. A. Goode on the Executive Sub-Committee. The following communication was read from the Commissioners in reply to the questions raised as to the validity of the practice of certain doctors on the panel advising their patients to take the prescriptions issued by them to particular chemists:

A practice on the part of a doctor on the Panel of recommending particular chemists to his patients, while not strictly a breach of the practitioners' agreement with the Committee, is, nevertheless, in our view, open to serious objection. The Panel system involves free choice of doctors and chemists, and, apart from very special circumstances, the Commissioners would regard as equally undesirable any attempt on the part of the doctor to influence an insured person's choice of chemist, or on the part of the chemist to influence an insured person's choice of doctor. No action was taken in the matter.

Isle of Wight.—At the meeting of the Insurance Committee on April 14 the payments made to chemists were given as follows: December, 131*l.* 13*s.* 8*d.*; January, 144*l.* 11*s.* 7*d.*; and February, 147*l.* 9*s.* 6*d.* The amount payable to chemists for drugs and appliances during 1916 will be approximately 233*l.* less than that paid in 1915. The particulars for the last three years are as follows: 1914—Number of scripts, 56,368; total paid to chemists, 1,960*l.* 19*s.* 8*d.*; average cost per script, 8.34*d.*; 1915—55,027, 1,771*l.* 12*s.* 9*d.*, and 7.72*d.*; 1916—45,793, 1,480*l.* 16*s.* 8*d.*, and 7.76*d.* The figures quoted for 1916 do not include the additional war allowance of 0.3*d.* per prescription, which it is estimated will amount to 57*l.* There will be no portion of the "floating sixpence" for the doctors in regard to 1916.

London.—A meeting of the Insurance Committee was held on April 26 at the County Hall, S.W. The Medical Service Sub-Committee reported on cases of complaints against medical men; and, alluding to one of the cases mentioned in the *C. & D.*, April 21, p. 45, complained of the unnecessary expense caused to the administration funds. The Pharmaceutical Service Sub-Committee reported on several cases of complaints against chemists. In one case a chemist supplied a 6-oz. mixture when an 8-oz. mixture was ordered. This could not be proceeded with in the absence of the prescriptions. Three cases were mentioned where dispensed medicine was not in accordance with the prescriptions. The first of these was in regard to the supply of half-strength mist. sodii salicyl.; the second one contained only half the amount of ingredients alleged to have been ordered (in this case it appears that the quantity ordered is indistinct); while the third prescription contained 15 grains of sodium iodide instead of 60 grains. The Sub-Committee take a serious view of these, and consider that in the first and third cases the chemists should be severely censured. There was also a complaint that alterations had been made in certain prescriptions; the chemist denies that he made the alterations, but he is to be severely censured. Another chemist refused to dispense a prescription containing cocaine because the medical man had not complied with the Regulations governing the supply of cocaine, and also one where there was a doubt as to the ingredient ordered. The chemist referred the patient back to the doctor, and the Sub-Committee consider he was justified in his conduct. The final case of these complaints was that a chemist charged for dispensing medicine for an insured person on a Sunday evening. The chemist is to be required to refund the shilling which he charged.

Middlesex.—The Middlesex Pharmaceutical Committee has received the report of the Prescription Checking Department, which states that there were 73,209 Middlesex scripts priced for January, at an average cost of 6.850*d.* per script; the number of prescriptions was 85,184, and the average cost was 5.887*d.* per prescription. For February there were 75,072 scripts priced, at an average cost of 6.816*d.* per script; this included 87,841 prescriptions, the average cost of which was 5.825*d.* per prescription. These figures include the special war allowance of 0.3*d.* per prescription, which is now paid month by month. About 75,000

scripts were sent in for March, so that an increase of more than 13,000 scripts is shown for the first quarter of the year as compared with the corresponding period of the year 1916. Including the special war allowance, the average cost per script for 1916 was 7.264d., and the average cost per prescription was 6.195d. An addition of approximately 6 per cent. would thus be required to bring the 1917 cost up to the 1916 level. The value of the Middlesex scripts, including Sanatorium Benefit, for 1916 was 21,988l. 6s. 6d., and the special war allowance amounted to 1,118l. 16s. 3d., making a grand total for the year of 23,107l. 2s. 9d. The figures for the war allowance having been finally adjusted, payment of this item should not longer be delayed. Re-assessment of 1916 prices, for the purpose of calculating the share (if any) of the "floating sixpence" to be allotted to the Middlesex doctors, showed that for the first six months of 1916 it would be necessary to add approximately 17 per cent. to the cost of the prescriptions chargeable to the Drug Fund, as priced, to bring the cost up to what it would have been on the same basis as the 1915 Tariff.

Sheffield.—A comparison of present-day Insurance dispensing is interesting with the period when discounting was taking place and the prices were those prevailing before the war. During the first year ending 1913, 514,081 scripts were dispensed at an average of 7.56d. Following this rate of prescribing the 1916 accounts would be expected to show a substantial increase, but the figures show that after making allowance for all deductions and paying the whole of the sixpence to the medical men a substantial sum will be left over. The figures are 172,018 insured persons, 493,875 scripts dispensed of the total value of 10,821l. (not including the additional 0.3d.), making an average of 5.26d. (nearly) per script as compared with 7.56d., when the drugs were secured at a much lower rate. The chief cause of this difference is doubtless a revised local formulary based on a much cheaper method of prescribing.

West Ham.—The scheme of hours for pharmaceutical service in the area which is now working is based upon the fact that the average closing-hour of doctor's surgeries is 9 P.M. on ordinary days, and that the shops' general-closing hours of 8 P.M. (9 P.M. Saturdays) will continue. Shops are to open not later than 9 A.M. on every day except Sundays and public holidays. Lists are then given of the shops where supplies can be had up to 9 P.M. on ordinary days; of groups of shops where, under a weekly rota, supplies are to be obtainable up to 9.15 P.M.; and of the arrangements for obtaining supplies on Thursdays, Sundays, and public holidays. Notices of the hours and rota arrangements are to be exhibited in a conspicuous place in each chemist's shop on the panel, and any shop not open under the rota arrangement is to exhibit a notice, informing insured persons of the nearest place where supplies are obtainable. [At the last meeting of the West Ham Association, Mr. Kirkpatrick reported that only in one instance was the new rota scheme unsatisfactory. Mr. Cleland objected to keeping open late.]

SCOTLAND.

Dundee.—At a meeting of the Insurance Committee last week it was reported that in 1916 the number of doctors on the panel was fifty-four, but seven of them had less than 100 insured persons on their list, and received only 95l. last year, the others getting 17,805l., or an average of 379l. each. The highest amount paid to one doctor was 1,000l., and the lowest 49l. The dispensing chemists have been paid 3,840l., or 90 per cent., of what was due to them, and with the remaining 10 per cent. they should get 4,270l.

Kilmarnock.—At a meeting of the Insurance Committee held last week, the Provost said that the final distribution to the chemists, with the bonus which local chemists had received on the amount of their prescriptions for 1915, was equivalent to 7s. 1d. in the £ of the prescriptions dispensed. The average cost of prescriptions for January 1917, as compared with January 1916, was 0.1d. less per prescription, which showed careful dispensing on the part of the chemists. The rise as compared with the pre-war period was equal to about 50 per cent., or a fraction over sixpence, at 9.49d.

THE ADVISORY COMMITTEE.—Sir Edwin Cornwall has acknowledged to the British Medical Association that the recently formed Advisory Committee is not a properly constituted statutory body, having regard to the wording of Section 58 of the 1911 Act, inasmuch as (a) the duty of the statutory Advisory Committee is the giving of advice and assistance to the Commissioners in connection with the making and altering of all regulations under Part I. of that Act, for which purpose it should be a properly balanced Committee, capable of so advising and assisting, and (b)

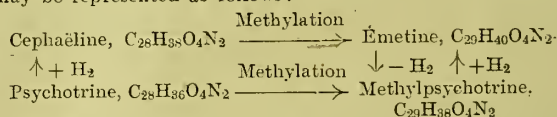
the Committee, as at present composed, is incapable of advising on regulations concerning Medical Benefit, which, as they are incorporated in every Insurance practitioner's agreement, gravely affect those members of the profession.

Chemical Society.

PROFESSOR W. JACKSON POPE, F.R.S., presided at the meeting held at Burlington House, Piccadilly, W., on Thursday, April 19. The first paper read was by Professor W. C. McC. Lewis, and was entitled "Studies in Catalysis—Part VII.: Heat of Reaction, Equilibrium Constant, and Allied Quantities from the Point of View of the Radiation Hypothesis." Then Dr. E. L. Pyman, Director of the Wellcome Chemical Research Laboratories, read Part II. of his work on

THE ALKALOIDS OF IPEACUANHA.

The empirical formulæ of the alkaloids were discussed, and it was recalled that, in 1894, Paul and Cowdley, who first isolated emetine, cephaeline, and psychotrine in a pure state, attributed to emetine the formula $C_{30}H_{44}O_4N_2$, and to cephaeline the formula $C_{28}H_{40}O_4N_2$. Hesse suggested, in 1898, the slightly altered formulæ $C_{30}H_{42}O_4N_2$ and $C_{28}H_{38}O_4N_2$ for these alkaloids, but in 1914 put forward for emetine the formula $C_{30}H_{40}O_5N_2$, whilst retaining for cephaeline the formula $C_{28}H_{38}O_4N_2$; to psychotrine he attributed the formula $C_{28}H_{36}O_4N_2$. Carr and Pyman (1913-1914) arrived at the same formulae for cephaeline and psychotrine as Hesse did, but proposed for emetine the new formula $C_{29}H_{40}O_4N_2$, which was based not only on the results of analysis, but also on the fact that emetine proved to be the monomethyl ether of cephaeline. This formula has been confirmed since by Karrer (1916), who also claims to have discovered independently the formation of emetine by the methylation of cephaeline. Two new alkaloids of ipeacuanha were then described. Both are soluble in ether and nonphenolic in character, remaining in the mother-liquors from the crystallisation of emetine hydrobromide. They were isolated together as crystalline acid oxalates, and separated by making use of their different basicities. They were found to be present in all the commercial varieties of ipeacuanha examined (Matto Grosso, Minas, Cartagena, and Johore). The one which was present in larger amount (0.015 to 0.033 per cent.) proved to be the *o*-methyl ether of psychotrine; it is an amorphous base forming well-crystallised salts, and gives a crystalline *n*-benzoyl-derivative. The base and its salts are dextrorotatory. It can be prepared artificially both by the methylation of psychotrine and by the oxidation of emetine, whilst it yields emetine together with other compounds on reduction. The relation of this alkaloid to the three previously mentioned may be represented as follows:



The second new alkaloid, *emetamine*, occurs in a yield of 0.002 to 0.006 per cent. It is a crystalline base forming crystalline salts, and does not yield a benzoyl-derivative. The base is dextrorotatory, whilst the salts are levorotatory. It is probable that emetamine has the formula $C_{29}H_{38}O_4N_2$, and differs from emetine in containing two unsaturated linkings. Reference was made to ipeacamine and hydro-ipeacamine, which were described by Hesse in 1914 as two new alkaloids of ipeacuanha, and it was pointed out that the mode of isolating these substances made it improbable that they could be homogeneous—a view which is supported by reference to the description of their properties.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

- | | |
|--|--------------------------------------|
| 11/65. Root-cutting machine, 1-1 horse-power, similar to German pattern. Cut or slice roots at the rate of about 50 kilos. per hour: makers. | 9/60. Record restorative pills. |
| 10/15. Pinfold's punice-stone soap. | 9/60. West India tincture, Byston's. |
| | 12/41. Pané serum for pneumonia. |
| | 14/68. "Pinic" foot-bath tablets. |

Trade Notes.

Maw's HAIR-TONIC is the new line introduced this week on "Maw's Page."

WINDOW FURNITURE.—Dainty oak pedestals and glass shelves for window-decoration are shown in the advertisement of Ayrton-Graham, Ltd., 106 Duke Street, Liverpool.

ESSONA TOILET-GOODS.—Essona Perfumery Co., Wimbledon, S.W. 19, are advertising in this issue Essona hair-cream and Essona skin-cream. The company offer to send their full price-list on application.

CHOCOLIDS, a cure for constipation, which is being advertised to the public in magazines and newspapers, is the product of the Chocolid Co., Stinchley Laboratories, Birmingham. The retail prices are 1s. 3d. and 2s. 6d.

ARMOUR'S THYROIDS are standardised to 0.2-per-cent. iodine in thyroid combination and supplied in powder and tablets. The tablets are made to contain $\frac{1}{4}$, $\frac{1}{2}$, 1, and 2 grains, and are sold in bottles of 100, 500, and 1,000.

AMERICAN CHEMICALS.—Glycerophosphates and saccharin are chemicals in which Madero Bros. Inc., 115 Broadway, New York, specialise. These and a number of other scarce pharmaceuticals like caffeine, guaiacol carbonate, potash permanganate, resorcin, and salicin are mentioned in the company's advertisement in this issue.

CONDENSED TABLETS.—Dols & Co., Ltd., Lockwood's Yard Factory, Huddersfield (London representative, Mr. F. R. Lockwood, 68 Arlingford Road, Tulse Hill, S.W.), advertise a series of condensed tablets which sell at 7 $\frac{1}{2}$ d. per tin. These are tea tablets, tea, sugar, and milk tablets, cocoa, sugar and milk tablets, and coffee, sugar and milk tablets. The wholesale price is 6s. a dozen tins.

BOURJOIS' POUDRE DE RIZ.—In view of the order of the Food Controller limiting the use of rice starch to food-purposes and the shortage which may be created in the supplies of toilet-powders, Henry C. Quelch & Co., 4, 5, and 12 Ludgate Square, London, E.C., advise chemists to order good supplies of Bourjois' Poudre de Riz de Java for which they are British agents. The present prices are given in Messrs. Quelch's advertisement.

VAPOROLE CHLOROFORM.—Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C., put up vaporole each containing 3 minims of Wellcome brand chloroform. This is specially intended for the treatment of earache. Experienced aurists recommend one to be broken, placed in a wineglass or egg-cup, and the ear placed over it, when the vapour relieves the pain. Vaporole chloroform can also be used for the relief of asthma, spasmodic croup, and allied ailments. The vaporoles are put up in boxes of a dozen, their neatness and fine finish being features that attract.

YADIL.—Clement & Johnson, 19 Sicilian Avenue, London, W.C., have introduced an antiseptic under the name of Yadil, which it is claimed has unique properties, and, although more powerful than phenol, can be taken internally without risk. Yadil has, we are informed, been used successfully for coughs, measles, worms, gastric ulcers, fevers, and influenza. The characteristics are thus stated by the inventors:

"Non-toxic, non-caustic. Contains no copper, mercury, arsenic, ether, alcohol, phenol, or cresol. Does not coagulate albumen. Does not modify hemoglobin. Increases the activity of the phagocytes. Is intensely diffusive and possesses powerful cell-proliferant properties. Does not stain nor deteriorate. Is fully miscible with water and has strong deodorising powers. Can be used freely internally and externally in all cases of micro-organic infection." Particulars as to sizes and prices are given in the firm's advertisement.

KUTNOW'S POWDER is to be sold at face value, 2s. 9d. per bottle, after this month. Mr. Sigismund Kutnow, the originator of the product, has long been an active supporter of the P.A.T.A. and a member of the Council. He has thus come into very close contact with the retail side of the trade, and it is in response to an appeal by retailers that he has agreed to making the minimum price the face value of the product. Mr. Kutnow has never been against this, and now that the appeal has been made to him and his company they have agreed to the new principle without advancing their price to wholesalers; in fact, there will be threepence more of profit upon the powder, and the division of this is being arranged by the P.A.T.A. Mr. Kutnow considers that his company is entitled to the co-operation of the retail trade in the sale of Kutnow's powder when wanted, no substitutes being offered. We understand that the leading company chemists have agreed to sell the powder at 2s. 9d. per bottle without cutting as from May 1. Retailers should send the company a postcard in the terms indicated on p. 42.

Observations and Reflections.

By Xrayser II.

The Death of Behring

removes a name that has for many years stood high in the roll of fame, especially in connection with everything relating to immunity to infectious disease. It was in 1890 that he first sprang into notice, as in that year he and Kitasato first demonstrated the antitoxic properties of the blood of animals immunised against diphtheria. Roux, of the Pasteur Institute, Paris, had two years earlier immunised animals against the toxins of certain diseases, but it seems that the German-Japanese partnership should have the credit of the discovery of the virtue of serum—a discovery that has revolutionised therapeutic as well as preventive treatment.

Fertilisers as a Side-line

ought to be taken up by all country pharmacists, especially such as have an agricultural connection. There is no tradesman at all comparable with pharmacists who can pretend to have any expert knowledge of the value of the various fertilisers, and pharmacists who take the trouble to specialise in this branch of business ought to have no difficulty in making it pay sufficiently to compensate them for their time and trouble. I know one who makes a very good thing indeed out of fertilisers, but he has the good sense to make up his own formulæ, a plan that preserves his property in a way that no other method could do. By the way, I am much afraid that most of our amateur allotment-holders will be disappointed in their potato yield, for the reason that there is a great deficiency in potash. No crop calls for so large a feeding of potash, and till the war is over this is one of the manures that will continue to be very scarce and expensive.

Mr. Skinner's Apology

was frank and manly, and does him honour; let us hope it will be accepted as the end of a regrettable incident, but, as a critic of sorts, I must say that Mr. Skinner, unless he was misreported, accepted more blame for the offending paragraphs than he need have done. That they could be construed in a "personal" sense is clear, for they were so construed, but they did not, on the face of them, show "a personal bias." I, for one, saw nothing personal, in the bad sense, in them. They criticised the actions of certain persons, but that is quite a different thing; all criticism of public bodies is a criticism of persons, and persons who object to it should keep off public bodies. I am rather sorry to find Mr. Skinner lending colour to the too often canting distinction between destructive and constructive criticism; all criticism is, or should be, destructive of what is not good; criticism, as such, does not construct but simply clears the ground for construction.

Dr. Luff's Report

on the examinations in London for the year ended March 31, 1917, reveals a really alarming state of things, in the face of which only such pharmacists as are affected with the madness incident to those whom the gods would destroy will agitate for an increased stringency in the qualifying examination. The number of candidates for this was 56 per cent. below that of the previous year. The percentage of passes was slightly better, but it left us with less than half last year's number of recruits to our ranks. This loss of man-power is emphasised by the fact that there was no decrease in the number of women candidates; the number of these was, in fact, exactly the same as in the preceding year. Of course the war to a very great extent accounts for this shortage, but it is not likely that we shall very speedily recover it even when the war is over, and meantime we are faced with such incidents as the one you reported from Canning Town last week. What are we to do, when temporarily laid aside ourselves, if qualified assistants are not to be got?

HEINE & Co., Leipzig, made 917,890 marks in 1915-16, and pay a 10-per-cent. dividend, which is 2 per cent. more than in the previous year.

"SANITAS-CREOLEUM"

(WOOD PRESERVATIVE)

A unique preparation in three grades of Colour for preserving all forms of Wood and Woodwork against the inroads of fungoid and insect life.

In Tins, Drums, and Casks.

TERMS UPON APPLICATION TO

Sole Manufacturers:

"SANITAS" CO., Ltd.
Limehouse, LONDON, E.

**BRITISH
ABSOLUTE ALCOHOL**

Jas. Burrough Ltd. D.I. Cale Distillery, Hutton Rd.,
LAMBETH, S.E.

IMPORTANT NOTICE. AS ANNOUNCED

in The Protected List
of THE P.A.T.A. for April, 1917,
the Minimum Retail Selling Price of

Kutnow's Powder

WILL BE **2/9** PER BOTTLE.
(FACE VALUE) from MAY 1, 1917.

This will give a considerable increase of profit to Chemists, but Messrs. Kutnow are keeping to their who esale price, as hitherto, in spite of the enormous rises in all the materials, bottles, and everything else in connection with the manufacture of Kutnow's Powder. In view of the above facts, Messrs. Kutnow trust that both the wholesale and retail trade will co-operate with them in creating a still greater demand for Kutnow's Powder, and that no substitut s for Kutnow's Powder will be offered to the public in future.

**REPLENISH your STOCK
ORDER A FRESH SUPPLY**

of Kutnow's Powder at once, and send the adjoining Coupon for Showcards and Counter Bills, which will be forwarded carriage paid. A good Window Show of Kutnow's Powder attracts remunerative business. It is well advertised, yields a good profit, and is always satisfactory.

S. KUTNOW & CO., Ltd., 41 Farringdon Rd., London, E.C. 1.

**SEND THIS COUPON FOR
SHOWCARDS & BILLS**

To **S. KUTNOW & CO., Ltd.**
41 Farringdon Road,
London, E.C.

Please send me Showcards and
Counter Bills, carriage paid.

NAME

ADDRESS

"C. & D., "April 28, 1917.

**For an announcement
of special interest to
you see page 29.**

SUGARLENE

The New Sugar Substitute.

Inventor and Sole Proprietor:

C. HILLMAN GANE,
154 Fulham Palace Road, LONDON, W. 6.
Sample Packet for Six Stamps.

"A revolution in the art of Urine Testing."—*Medical Press & Circular.*

ENDOLYTIC TUBES

"The Laboratory in the Waistcoat Pocket."

Wholesale Terms on application to the Sole Proprietors:
FLETCHER, FLETCHER & Co., Ltd., HOLLOWAY, LONDON, N.

Editorial Articles.

Protected Occupations.

A NEW SCHEDULE of protected occupations for men employed on Admiralty, War Office, or munition works or in railway workshops has been issued and is to come into force on May 1. The preface states that the War Cabinet has decided that in order to supply the number of men required for the maintenance of the Armies in the field at strength it is necessary to release a considerable number of men fit for general service. It has therefore been decided that it is now necessary to alter the systems hitherto in force, and to call upon the workmen of the country for further efforts in the replacement of men fit for general service. Accordingly, War Service Badge Certificates and Trade Cards will be superseded by a system which protects from recruiting only men who may from time to time be found indispensable for the fulfilment of the varying programmes of ship-construction, munitions, and other essential Government work. For this purpose a schedule of protected occupations has been prepared, which may be modified later if the Army's need is again so urgent that a further release of men from the manufacture of munitions is found necessary, or if experience shows that operations now performed by scheduled men can be undertaken by men not required for the Army, or by women. Men who are released will be posted to Line regiments if they do not possess the qualifications required for the technical units in the Army, or if there is no demand for them in any technical unit. It is the intention that the men now made available for recruitment shall be released so far as possible in age groups commencing with the younger men to be released. The schedule, which is obtainable from H.M. Stationery Office, Imperial House, Kingsway, London, W.C. 2 (one penny), includes the following occupations: *Instrument-makers* (including the surgical and dental-instrument trade, makers of x-ray apparatus and scientific and electrical instruments); *Chemicals, Drugs, Explosives, Oils, Rubber, etc.* (includes animal-charcoal industry, chemicals and explosives manufacturers, dope-manufacturers, lubricant-makers, oilcake-making, soap-making, and serum and vaccine manufacturers); *Surgical Dressings Manufactures and Glass-manufactures* (includes optical-lens and prism workers and medical and chemical glass, excluding bottles). The ages below which men may be called up are specified in each sub-class, and also the time, dating from May 1, which will be allowed

them before joining. In the drugs section, for example, the following are the ages specified: Departmental foreman (23), analytical chemist (18), assistant analytical chemist (18), counter-hand, skilled (25), drug-grinder (23), galenical-maker (23), plaster-maker (23).

Professional Associations.

THE "NEW STATESMAN" for April 21 publishes part of a report of the Committee of the Fabian Research Department which has been investigating the subject of the control of industry. This is the fourth report of the series, and deals with the question "What is to be learnt from the Professional Associations of brain workers as to the sphere of control of the Vocational Organisation?" Of what is to be learnt we are left in suspense, as the portion published is merely an account of the foundation and objects of professional organisation among lawyers and medical men. Pharmacy comes in as an allied profession. The only body connected with professional pharmacy, according to this report, is the Pharmaceutical Society of Great Britain (Ireland is ignored)—a well-summarised account of its foundation and activities being given. Its difficulties are thus referred to:

"We have no space to describe the many obstacles overcome by the Society in bringing the vocation under its exclusive jurisdiction—on the one hand resisting all attempts made by the various medical corporations to control the practice of pharmacy, and on the other suppressing rebellious movements among the less qualified chemists and druggists against the high standard of education and proficiency insisted on. Among modern professions, that of the pharmacist has secured absolutely the largest measure of professional self-government; and the machinery by which this self-government is exercised is an interesting combination of the compulsory powers of governmental organisation with the freedom, initiative, and self-protecting combativeness of a voluntary association."

No comments are made regarding pharmacy, although the "arrested development" of lawyers and the exclusiveness of medical men are charged against the legal and medical professions.

Liquorice-juice.

SINCE we last referred in detail to the market situation in liquorice-juice, in our issue of September 23, 1916 (p. 43), there has been a steady upward tendency in prices in all markets. We then indicated that buyers would do well to cover their winter requirements without delay and as far ahead as possible, and those who did so have no reason to regret their purchases, as to-day's spot prices are fully 30s. per cwt. higher than in September last, good brands of Italian stick being worth about 230s. per cwt. to-day. The stocks, however, of both block and stick made last season are now practically exhausted. The past season has been a most difficult one owing to the eagerness of American buyers, who were willing to pay almost any price for the best quality of Italian stick juice, as very little block juice could be obtained. The stringency was also rendered more acute by some large losses at sea. The coming season's delivery, on which manufacturers are now working, does not hold out any prospect of a very large supply, the difficulty of obtaining the labour for digging the root being the chief trouble. Moreover, the scarcity of coal, wood, and other fuels in Italy is very great—in fact, all fuels have been commandeered by the Italian Government, from whom permits must be obtained, the cost of the fuel being very high. In these circumstances the prices for liquorice-juice to come forward in the autumn will assuredly be higher than what are now being paid, no matter what course the war may take. Those in a position to judge believe that no change in the direction of cheaper values can be expected for at least twelve or eighteen months. The demand for Italian liquorice-juice, owing to its special properties, can only be partially met. There is, of course, a possibility of the shipment of supplies of root and extract from Mesopotamia and other parts of Asia Minor being resumed, but it is difficult to say when. Previous to the war this was a very flourishing industry controlled

by an Anglo-American firm, and the fact that it is now temporarily cut off (together with supplies from the Caucasus) has probably had much to do with the advance in the liquorice extract.

Pharmaceutical Education.

THE OPINION has been fairly general in certain pharmaceutical quarters that we were on the eve of important educational developments owing to Mr. Fisher's appointment as President of the Board of Education, but the speech which he delivered to the House of Commons on Thursday, April 19, admirable though it was, did not support the sanguine predictions of changes in professional matters. It was confined to elementary education in England and Wales, improvement of the salaries of teachers, and the betterment of secondary education. No part of his speech touched pharmacy or any of the professions. Mr. Fisher seems to have in his mind the co-ordination of professional education and qualification; it has been talked about recently, and the feeling has grown that everything will be going into the melting-pot some day. We have twenty-seven bodies and Universities in Great Britain and Ireland who are empowered to grant medical qualifications that are registrable, and many more schools are engaged in the business of training students to pass the examinations. In pharmacy we are not so bad, one Society in Great Britain and another in Ireland being empowered to examine persons who desire to be registered in accordance with the Pharmacy Acts of the respective countries. These Societies resemble our Universities in so far as their statutory function of examining is associated with the education of students in certain of the subjects of the examinations. If Mr. Fisher's ideas reach development, and all statutory qualifications come under Government control, the examinations of the Pharmaceutical Society of Great Britain must necessarily be affected. The Society has since 1841 been actively engaged in pharmacy education, in association with the voluntary examinations then created, which were first legally recognised by the Pharmacy Act, 1852, and in 1868 became, so far as the Minor examination is concerned, the legal standard for carrying on the business of a chemist and druggist. The standard has been advanced on several occasions, the result being that the qualifying examination is more searching and thorough. Endeavours have from time to time been made to impose conditions of study and training upon candidates. In 1885 the Privy Council declared that the conditions which the Society had then formulated through by-laws were beyond the Society's statutory powers. Such powers were obtained in the Act of 1908, and the Council of the Society has been considering the advisability of imposing a curriculum of study upon Minor candidates, but the war has delayed matters. This is not a misfortune, but the contrary, for, in view of Mr. Fisher's statement and the possibility of secondary education being extended to fulfil specific wants of the country, we consider that the Council should not impose a curriculum of study and training *until the means for fulfilling it are assured*; practically nothing has been done in this respect. The Society itself has a school of pharmacy, and the work of that school is recognised by the Board of Education, who make an annual grant to it; but this school does not meet a tithe of the demand for education and training in pharmacy, and although we are not without confidence that existing private schools will in a large measure meet the deficiency, it is desirable that the Council should investigate and determine, as far as it possibly can, what existing facilities would conform to the conditions likely to be imposed in the event of a curriculum being instituted. Perhaps it would be desirable to have a representative of the Board of Education and a representative of pharmacy schools other than that of the Society associated with a small Committee of the Council appointed to make the requisite inquiry and report. It may also be desirable to determine whether or not Mr. Fisher has spoken in any way for Scotland, because anything of a statutory nature that is done by the Society applies to England, Wales, and Scotland, while Mr. Fisher

is not appointed for Scotland. The Pharmaceutical Council has of recent years acted judiciously and temperately in this curriculum matter—a result due chiefly to the fact that the difficulties of enforcing a curriculum have been better understood. Now we have arrived at a point where these difficulties are more acute, for we know that practically no assurance has been obtained by the Council that anything which it formulates in this regard can be conformed to by students. Now we have an interregnum, and we suggest that this should be utilised in a businesslike way to ascertain how existing national and private schools can be used for pharmaceutical qualification, and what alteration may be needed in these to make them better fitted for the purpose.

Personalities.

MISS R. HAWKES has resigned her position of dispenser to the Hunslet Union.

MR. W. H. GRIMSHAW, chemist and druggist, Blackburn, has been elected to fill a vacancy on the Town Council.

MR. THOS. H. DAVIES, pharmacist, for many years manager to Boots, Ltd., at Aberdare, has now returned to business, after a three months' stay in London, where he underwent surgical treatment.

MR. JOHN C. UMNEY, F.C.S. (Wright, Layman & Umney, Ltd., Southwark Street, London, S.E.), has returned to business, having made a very satisfactory recovery from the indisposition which was troubling him.

DR. HENRY H. RUSBY, widely known as a botanist and pharmacognosist, who has served the Bureau of Chemistry of the Department of Agriculture in the capacity of pharmacognosist of the port of New York for nearly ten years, has resigned his post.

THE TRUSTEES OF THE BRITISH MUSEUM are just issuing through the Clarendon Press the fifth volume of their catalogue (with texts) of the Greek papyri in the Museum. This volume, like the last, is entirely under the editorship of Mr. H. Idris Bell, M.A., son of Mr. C. C. Bell, chemist and druggist, formerly of Epworth.

MR. THOMAS GRIFFIN, cashier to Arthur H. Cox & Co., Ltd., manufacturing chemists, Brighton, has retired from the service, in which he has spent close on half a century. Latterly his handwriting has been familiar to many in the drug-trade, and his signature has been attached to many documents that have passed between them and the house. Before he left the headquarters there was a gathering of the employés and principals (who have given Mr. Griffin a pension), at which the opportunity was taken to express appreciation of his worth and work, a handsome presentation being made to him on behalf of his fellow employés.

MR. JAMES KIRKPATRICK, chemist and druggist, who is a candidate for the Council of the Pharmaceutical Society, is forty-five years of age. He served his apprenticeship with his father at Carlisle, and then became a student at Westminster College, passing the Minor in 1895. Afterwards he was for some time engaged in technical chemistry connected with the milling and brewing industries, and was consulting chemist to the Burton Brewery Co. during the time of the arsenic-beer trouble. In this connection he possesses a handsome souvenir recording the faithful services he rendered during this period. Upon returning to pharmacy he took up the management of Mr. James Stanley's branch business at Highbury Vale, Nottingham, subsequently purchasing the business of the late Mr. Fawthorpe at Great Bardfield, Essex, a business he carried on successfully for a number of years. In 1912 he disposed of this business, and purchased that of Mr. W. R. Barnes at Upton Manor, E., which he still conducts. Mr. Kirkpatrick is a Past-President of the West Ham, East Ham, and Metropolitan Essex



MR. J. KIRKPATRICK.

Association of Pharmacists, and is Hon. Secretary of the West Ham Pharmaceutical Committee, a member of the Pharmaceutical Service Sub-Committee, and of the Joint Service Sub-Committee of the West Ham Insurance Committee. He is also a member of the County of Essex Pharmaceutical Committee, and a member of the Pharmacists' Volunteer Training Corps. Mr. Kirkpatrick was one of the four pharmacists selected to give evidence before the Departmental Committee on the Drug Tariff, and is an authority on all matters relating to the National Insurance Act and Medical Benefit under that Act. In September 1915 he received a handsome present from his colleagues in West Ham as an appreciation for work he had done for them. Mr. Kirkpatrick is a forceful speaker, and should make an excellent Councillor.

MR. DOUGLAS J. JARDINE, M.A. Cantab., of the Diplomatic Service, has been decorated by the Empress of Abyssinia, on the occasion of her Coronation, with the Order of Knight Commander of the Most Brilliant Star of Ethiopia. Mr. Jardine is the eldest son of Dr. Jardine, Richmond, Surrey (a brother of Mr. Thomas Jardine, T. & H. Smith, Ltd.), who was associated with the late John Moss in investigation of cascara sagrada extracts, the results of which were communicated to the British Pharmaceutical Conference at Cardiff in 1891.

MR. FRANK G. HINES, chemist and druggist, 10 Moorland Road, Fulford, York, who is a candidate for the Council of the Pharmaceutical Society, writes that with better health this year he has been able personally to state his views on the pharmaceutical situation. It is unfortunate that no united fight could have been arranged, but the times are too much out of joint to get in touch with the men. He feels that the progressive movement ought not to languish, even at some personal inconvenience. Moreover, he looks upon his candidature as something in the way of a protest against the present régime at the "Square." "I have strong hopes of a successful issue. If the voting would place me at the top of the pole I should be the better pleased," is how his letter finishes. Mr. Hines is an Ipswich man, and qualified from the School of Pharmacy of the Pharmaceutical Society in 1902. He then joined the staff of Burroughs Wellcome & Co., but two years afterwards, for health reasons, he took a business on the Essex coast, afterwards marrying and living at Bath, Weston-super-Mare, and Malvern, before joining Mr. Montague Folkard at York. He represents chemists' interests of the York Insurance Committee.

MR. WILLIAM HENRY FOWLER, Ph.C., is one of the four gentlemen not at present on the Council of the Pharmaceutical Society of Great Britain who have been nominated for election next month. Mr. Fowler is in business at Redhill, and has been nominated by the County of Surrey Association of Pharmacists. His pharmaceutical experience goes back to 1881, when he was apprenticed to the late Henry W. Tighe, Exeter, after which he had experience in Maidenhead, and passed the Minor examination in June 1883, the Major being taken in December of the same year. In 1890 he became a partner with the late Daniel Amos, Canterbury, but retired in 1896, when he purchased the pharmacy at 38 Station Road, Redhill, which the late F. S. Sillitoe had established thirty years before. This he has carried on successfully, and in 1914 he took Mr. C. F. Harry, Ph.C., into partnership, but Mr. Harry has been with the Colours since November 1915. Mr. Fowler has good experience in the training school for the Pharmaceutical Council—i.e., the work of local Associations. He is one of the founders of the Redhill Pharmacists' Association and of the County of Surrey Association, and is Secretary of both, as well as Secretary of the local Pharmaceutical Committee. He also is experienced in Church, trade, and Masonic matters that call for business ability. In a letter to us he says: "I should do my utmost to increase the remuneration of dispensing in the N.I. scheme by increasing the fees. I am not a believer in the Society acting as a Trade Union body: all questions of trade matters should be dealt with by an outside body, but I should like the Society to have certain representation on that body."



MR. W. H. FOWLER.

Associations' Winter Session.

Ealing.—A meeting of the Ealing Pharmacists' Association was held at Buols Restaurant, Ealing, on April 17, Mr. A. A. Senior (President) in the chair. Among the matters discussed was the suggested curriculum, and whilst nominal approval to the principle was given, it was hoped that nothing would be done without a full and free discussion. The meeting decided to support Messrs. Hines, Kirkpatrick, and Jenkin of the new candidates, and Messrs. Harrington and Bilson of the old candidates, for the Council of the Pharmaceutical Society. A vote of confidence was passed in the Secretary (Mr. Herbert Skinner).

Essex.—A Committee-meeting of the Essex Association of Pharmacists was held on April 17. It was decided to ask the members to support the candidature of Messrs. Jenkin and Kirkpatrick in the forthcoming pharmaceutical election. In view of the Order issued by the Board of Agriculture that copper sulphate must be supplied to farmers at a cost not greater than 6½d. per lb., it was decided to take the matter up with that body, and also with the Pharmaceutical Society, in order to point out that the present wholesale price makes such a retail price impossible. A scheme has been started to relieve the pressure upon medical men where necessary by taking over their dispensing.

Glasgow.—The annual meeting of the Glasgow and West of Scotland Chemists' Association was held at 165 Hill Street, Glasgow, on April 9, Mr. A. McMillan (President) in the chair. The Secretary (Mr. H. P. Arthur) submitted his report, which was approved. The report of the Treasurer (Mr. W. J. Moffat) showed that there is a balance in hand of 39l. The members of the Association have contributed over 200l. to the Ballahouston Red Cross Hospital. The following officers were then elected for the ensuing year: *President*, Mr. John Murchie; *Vice-Presidents*, Messrs. W. R. Craig and W. L. Currie; *Treasurer*, Mr. W. Seivwright; *Secretary*, Mr. H. P. Arthur; *Librarian*, Mr. McMillan; *Council*, Messrs. Abbott, Downie, Ferguson, Galbraith, Guthrie, Kitchin, Laurence, Moffat, Murray, McKenzie, MacSween, McVitie, Ramsay, Saunders and Thomson. The following were elected honorary members: Professor Ralph Stockman, M.D., Mr. R. McAdam, J.P., and Mr. J. P. Gilmour. The sum of 2l. 2s. was again voted to the Benevolent Fund of the Pharmaceutical Society, and a collection made on behalf of the Orphan Fund realised 5l. 5s. Mr. Kitchin read a letter from the Clerk to the local Tribunal in which he indicated that owing to the important nature of the work of pharmacists, the long hours, and the depleted staffs, the Chairman did not propose to press them to join the Volunteer Force at present. A letter was also read from the Military Representative suggesting that by the closing of some shops and the pooling of businesses a further number of cases "A" and "B1" men under the age of thirty-one might be released for military service. The scheme was not thought to be practicable for various reasons, and a recent census showed that the number of such men now available under a scheme of this sort is infinitesimal. The meeting was adjourned till April 26 to admit of a discussion of suggested alterations in the constitution and by-laws.

Huddersfield.—A meeting of the Huddersfield Chemists' Association was held on April 24, Mr. V. Shaw presiding. The Secretary (Mr. J. H. Cooper) read a letter from Mr. Hines, of York, with regard to his candidature for the Council election in May next. The Association, while holding the opinion that Mr. Hines would well represent the interests of the county, decided to leave the question open. It was resolved to adhere to the suggestion of the Huddersfield Chamber of Trade that the hours of closing in the summer be 7 p.m. on Mondays, Tuesdays, and Thursdays, 1 on Wednesdays, 8 on Fridays, and 9 on Saturdays. A vote of sympathy was carried with the widow and family of the late Mr. Ralph Cuthbert.

Leeds.—Mr. N. N. Armitage presided at the meeting of the Leeds Chemists' Association on Wednesday evening, April 18, when another of the series of lantern-lectures which have distinguished this session was given by Mr. H. Claire, sen., on "Japan." The slides were made and hand-coloured in Japan, but the photographs were taken by himself chiefly, and they portrayed the mode of life and customs of the Japanese. The Reynolds & Branson lantern displayed these admirably. Mr. Claire was cordially thanked. Refreshments and music followed, the programme of music and recitation being provided by Miss Lawrence, Miss Hayes, Mr. Stringer, Mr. Senior, Mr. J. H. Beacock; and Miss Sybil Armitage, nine years old, daughter of the President, gave character sketches in a clever manner. Mrs. Squire was the accompanist.

London Co.—A meeting of the Executive Committee of the London County Pharmaceutical Association was held at 17 Bloomsbury Square, W.C., on April 17, Mr. A. H. Jenkin (President) in the chair. A question was raised regarding the complaints made against the "Script" (*C. & D.*, April 7, p. 48), Mr. Skinner explaining the position. A vote of confidence was passed in Mr. Edmund White, President of the Pharmaceutical Society. Mr. J. A. Thompson wrote resigning his position on the London County Executive and the Pharmaceutical Committee, but it was decided to ask him to reconsider his decision. It was arranged that in future the meetings of the Committee shall begin at 2.30 and conclude not later than 5 p.m. The report of the Organisation Sub-Committee was discussed and finally referred back, so that additional matters, such as the appointment of a Trade Committee and the question of a minimum price-list, might be considered. The report recommended the appointment of Mr. Atkins as Trade Secretary. Among other reports received was one submitted by the special Sub-Committee of the Pharmaceutical Committee regarding substitutes for glycerin and syrups in dispensing, and satisfaction was expressed as to the efficacy of the substitutes recommended. As the suggestions contained therein are likely to prove valuable to all pharmacists, it was decided to forward a copy of the report to the Pharmaceutical Society.

Middlesex.—A meeting of the Executive of the Middlesex Pharmacists' Association was held on April 18 at the Holborn Restaurant, London, W.C. After discussion, it was decided to appoint the Secretary (Mr. Hugo Wolff) to explain the views of the Association on the changes suggested in the organisation of the Pharmaceutical Society. The reports of the District Associations were discussed seriatim, and finally the Council election of the Society. It was decided to support by all possible means the candidature of Messrs. Hines, Jenkin, and Kirkpatrick.

West Ham.—A meeting of the West Ham, East Ham, and Metropolitan Essex Association of Pharmacists was held on April 19, Mr. F. W. Gwinn (President) in the chair. It was resolved to write to Allen & Hanburys, Ltd., the Glaxo Co., and the West Surrey Central Dairy Co., Ltd., regarding better deliveries of their goods. It was agreed to contribute 5l. towards the expenses of approved candidates at the Council election of the Pharmaceutical Society. Messrs. A. H. Jenkin and J. Kirkpatrick were present to state their views. Mr. Kirkpatrick dwelt first on the question of the Apothecaries' Hall certificate and unqualified labour, and deplored the attitude of the Pharmaceutical Council towards those two important questions. If the Council had done its duty and proceeded with the times, there is every reason for thinking that the Apothecaries' Hall certificate would have ceased to exist. The Council had done nothing to protect chemists from the intrusion of the classes mentioned, but it is not yet too late to try to mitigate the evil. The onus is now on the Society to set up an assistants' examination. An alteration of the present system is absolutely necessary. Several so-called educationists had said the Preliminary examination should be made more stringent. He entirely disagreed with that, and said the opposite is the case with other bodies, notably the General Medical Council, which had made its Preliminary examination easier, and the Incorporated Law Society, which is contemplating reducing the stringency of the examination in order to bring in more men. He thought it should be possible to take the proposed curriculum at any university or recognised school. As the Board of Education never makes a grant without seeking something in return, it is only reasonable to expect that soon or later it will seek some control over the training of pharmacists, and chemists must be prepared to put the School of Pharmacy under a university scheme or else lose the present grant. In consequence a higher qualifying examination will be necessary, and a university degree made possible for the super-qualified man. The Legislaturo will, said Mr. Kirkpatrick, remind the Council that, unless the latter uses the power given to it and acts quickly by bringing forward some scheme of recognition for holders of Apothecaries' Hall certificates and Army compounders, the Government itself will do it and squash the Pharmaceutical Council. To improve organisation a Federation of Associations should be formed. He considered that the present representation on the Council is an antiquated system, there being too much Committee work, and too little opportunity given to the rank-and-file of pharmacy for considering motions and questions affecting the pharmacists' interests. The question of members of the Association undertaking dispensing for doctors was discussed, and it was agreed that the Secretary should send to chemists in the area a statement of prices, and ask them to agree to do the work at the charges

specified. With regard to sending a representative before the Organisation Committee of the Pharmaceutical Society, the President was appointed, and is to state the objections to co-optation of councillors and to urge the election of all councillors each year.

Women Pharmacists.—A meeting of the Association of Women Pharmacists was held on April 19 in Dr. Williams' Library, Gordon Hall, Gordon Square, London, W.C., Miss Buchanan in the chair. Mr. A. H. Jenkin gave an address upon *Pharmaceutical Assistance, Past, Present, and Future*, which raised many points for the debate which followed. Mr. Cornall gave the assistants' points of view, and Mrs. Freke made out a good case for employers.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

Writing on March 20, our Cape correspondent reports that business is still brisk and likely to remain so, in consequence of the number of Colonial troops passing through to the various Fronts.

THE NEW MEDICAL AND PHARMACY BILL was being discussed by the Union Parliament when the mail left on March 20. Unless there is a material alteration, the Draft Bill as it stands will not improve the position of chemists and druggists.

DRUGS, CHEMICALS, AND APOTHECARIES' WARES valued at 76,668*l.* were imported into the Union during January 1917, compared with 71,248*l.* in January 1916. Medicinal preparations were valued at 6,622*l.*, compared with 6,586*l.* in January 1916, and the value of apothecaries' wares imported was 4,910*l.*, compared with 9,270*l.*

Cape Province Pharmaceutical Society.

THE ANNUAL GENERAL MEETING of the Society was held at the South African Mutual Buildings, Darling Street, Cape Town, on February 12. There was a fair attendance, including the President (Mr. J. Sloan), Vice-President (Mr. J. Dell), Messrs. Cleghorn, Corrigan, Spruce, Hughes, Merry, Masher, Edmeades, Aitken, Dr. Froembling, Messrs. Cheetham, Ross, Roytowski, Pollexfen, Ferguson, Bell, Mohr, and Hill. The *Secretary's Report*, which was adopted, stated that there were 76 members, 23 associate members; nine were on active service, and one had resigned. He strongly recommended every member and every associate member to participate more actively in the affairs of the Society, and would suggest that the rules be overhauled to attain this end. The *Treasurer's Report* mentioned that the Society to-day, with a greater expenditure than ever, is still keeping above water; the outstanding subscriptions last year were 32*l.*, this year 20*l.* There was a balance at the bank of 17*l.* 10*s.* compared with 2*l.* 13*s.* 8*d.* The report was adopted. The President then delivered his valedictory address, in which he reviewed the work of the past year. In regard to the new Medical and Pharmacy Act, last year they confidently expected that this would come before Parliament during the Session, but the war had upset their calculations. Allusion was made to the series of popular lectures given during the winter months. The amendment to the Shop Hours Act as promised by the Administrator last year has now been passed, and from reports is giving complete satisfaction. The only social event was a smoking-concert to bid goodbye to their late esteemed Treasurer, Mr. Edmeades, who resigned to go on active service. A radical change has been made in the *personnel* of the Council this year, it being felt that an infusion of new blood was necessary, and to allow of this certain members have decided to retire for a time. The report of the school was also given, and the President was thanked for his address. The result of the *Election of Councillors* was then announced as follows: Mr. G. R. Cleghorn, Dr. W. Froembling, Messrs. Merry, Sloan, Corrigan, Hughes, Petrie, Spruce, Faull, Mathew, and Weller. Mr. D. L. Petrie was elected President for 1917-18; Messrs. Sloan and Cleghorn, Vice-Presidents; Mr. C. F. Spruce, Hon. Secretary; and Mr. T. Hughes, Hon. Treasurer.

A GREAT GERMAN DISCOVERY!—The "Kölnische Zeitung" tells its readers that legume flour is made from soya-beans, but, better than that, South Carolina planters have discovered that the beans yield an oil on pressure, from which soap, glycerin and other useful things can be made. The "Daily Mail" seems to be impressed, thus displaying ignorance of the fact that soya oil has been used here for years as a soap-making and paint and varnish oil.

Australasian News.

CONSULTING CHEMISTS.—The Pharmaceutical Society of Australasia regards the use of the description "consulting chemist" as unethical. One of the members of the Council suggested that power should be obtained to control persons who used this description.

THE USE OF METHYLATED SPIRIT.—A Customs Order has been made, permitting manufacturing chemists to use, under certain conditions, methylated spirit, containing 5 per cent. of methyl alcohol, for the manufacture of medicinal extracts and to recover the spirit for re-use.

"CITRATE OF MAGNESIA."—The Queensland Health Department has been taking steps recently to put a stop to the sale of preparations under the name of citrate of magnesia which do not contain that salt. Attention has also been called to sulphur and sarsaparilla salts, which have been found in one case to be falsely described.

APPRENTICES ON WAR SERVICE.—The Chemists' Apprentices' War Service Amendment of the Victorian Medical Act, which was passed last year, empowers the Pharmacy Board of Victoria to remit a portion of the term of apprenticeship of any chemist's apprentice on war service. Regulations made by the Pharmacy Board have now been gazetted. These provide that any chemist's apprentice may apply for the suspension of his indentures during the period of his absence from his employment in consequence of his being on war service. Application must be made to the Board in writing within three months after his discharge or return to Victoria, or within such further time as the Board in its discretion may allow in any particular case. The application is to be made by statutory declaration in forms provided, upon which certain particulars have to be supplied.

CHEMISTS IN QUEENSLAND.—One of the new regulations which have been approved by the Governor-in-Council under the Food and Drugs Act is as follows:

Every person carrying on the business of a chemist shall comply with the following conditions: (1) The entire premises wherein his business is conducted shall be kept at all times in a clean and sanitary condition; (2) The counters, shelves, drawers, and bins shall be free from dust and dirt; (3) Measures, mortars, and other apparatus and glassware used in preparing drugs shall be kept clean; (4) Prescription-bottles shall be washed and cleaned before filling; (5) Powder-papers shall be made of clean paper; (6) Back shop and basements shall be kept clean, well ventilated and lighted; (7) Storerooms shall be dry, free from litter, and suitable for the storage of medical preparations; (8) Where a filter is in use at a chemist's shop for filtering water, such filter shall be of a type approved by the Commissioner of Public Health, and no filter other than a filter approved by the Commissioner of Public Health shall be used upon such premises; (9) When a soda-fountain is operated in a chemist's shop, the general regulations dealing with the conduct of soda-fountains shall apply and be observed.

OBLIGATION TO DISPENSE.—At the meeting of the Pharmacy Board of New South Wales, a complaint was made that a chemist had refused to dispense prescriptions of a doctor on the ground that he is not a member of the British Medical Association. The doctor is connected with a local Friendly Society, and has been ostracised by the British Medical Association. It was resolved to reply to the Government Department which transmitted the complaint that the Pharmacy Act does not make it obligatory for a pharmacist to dispense. Another matter investigated at the same meeting was the use of the word "pharmacy" by a herbalist as a description of his place of business. The opinion was expressed that this is a contravention of the principle and spirit of the Pharmacy Act, and it is proposed to take the advice of the Crown Law Officers on the matter. [In this connection it is interesting to note that the New South Wales Court of Appeal has decided that to dispense prescriptions in an open shop is to "pretend to be" a dispensing chemist, which is an offence under the N.S.W. Pharmacy Act.]

OPIUM AND MORPHINE.—The Council of the Pharmaceutical Society of Australasia has suggested to the Comptroller-General for Customs that liq. opii sed. of definitely known strength and composition should be permitted to be imported under licence and sold to retail pharmacists, subject to the usual conditions as to use. In a letter the Comptroller-General stated that the following are the average quantities of opium allowed to be supplied to a retail pharmacist per annum, under order of June 1915:

Solid extract ...	2 oz.
Liquid extract ...	13 oz.
Tinct. opii ...	14 lb.
Gum. opii ...	5 oz.

Larger quantities are available when inquiry shows that they are being *bona-fide* used for medicinal purposes only.

The Department has reason to believe that, owing to the said restrictions, the use of morphia in certain parts of the Commonwealth has been increasing, and the Council, in reply to the Comptroller's request, stated that 2 oz. of morphia and its salts per annum is a fair average quantity to provide for.

VENEREAL DISEASES IN VICTORIA.—Under Section 5 of the Venereal Diseases Act, a conference took place between representatives of medicine and pharmacy to decide what drugs employed in the treatment of venereal diseases should not be sold by pharmacists unless on the prescription of a medical man. Two meetings were necessary before an agreement was reached that the following drugs be included in the schedule:

All medicated bougies.

Methylene blue in the form of pills, tablets, or capsules.

Gonococcus vaccines and serums, and gonorrhœal phylacogen.

Kharisvan and all similar synthetic organic arsenic compounds.

Argyrol and all other similar synthetic organic silver compounds.

Sandalwood oil and its derivatives, and copaiba and its derivatives, in the form of emulsions or capsules.

Grey oil and all similar mercurial emulsions specifically prepared for the cure, alleviation, or treatment of venereal disease.

All patent and proprietary medicines which are specifically recommended for the cure, alleviation, or treatment of venereal disease.

Hydrargyrum cum cretâ (and its admixtures), biniodide of mercury, tannate of mercury, and cyanide of mercury in the form of pills and tablets.

India and the East.

(From the "C. & D." Correspondents.)

BUSINESS CHANGE.—Mr. James Welch, chemist and druggist (late partner of Thomson & Taylor, Bombay), has now joined the firm of Leach & Weborny, who have opened a chemists' and druggists' department in their Bombay drapery-store.

INDIAN TURPENTINE AND RESIN.—High freight charges have decreased the imports of European and American turpentine and resin into India, and have resulted in a largely increased demand for Indian products at prices never contemplated a couple of years ago.

IMPORT OF MORPHIA INTO INDIA.—Customs Circular No. 2 of 1917, issued by the Government of India in the Department of Commerce and Industries, states that the Government have decided to exclude morphia meconate and its preparations (liquor, etc.) from the list of preparations containing opium and morphia attached to Customs Circular No. 3 of 1913, the import of which may be admitted by Collectors of Customs under the proviso to the notification in the Department No. 720-79 dated February 4, 1911.

COCAINE IMPORTS INTO INDIA.—Under the new system persons desiring to import cocaine and allied drugs into India have to obtain an import permit from the proper authority in India for each consignment. In applying for such a permit they should state the name and address of the exporting firm in the United Kingdom from whom they propose to purchase and the port of import in India. Copies of the import permits will be sent by the licensing authorities or by the local Governments to the India Office, who will arrange for the issue of the necessary export licence, and inform the Collector of Customs at the port concerned.

MEDICAL RESEARCH IN INDIA.—At a meeting of the Imperial Council Sir Pardey Lukis dealt with the work of medical research in India in connection with the war. Besides sending many research workers to war-work and despatching to Mesopotamia several fully equipped field laboratories, his Department had been able to manufacture large quantities of vaccines of different kinds at the Bombay Bacteriological Laboratory and the Kasauli Institute. In regard to research, Dr. Chittie was investigating plague-prevention at Poona, and his reports showed that in barium carbonate they had rat-poison safer to handle and more efficacious and cheaper than any till now used. A grant had been given to Dr. Ghose, who was investigating the composition of chaulmoogra oil, the derivatives of which were yielding encouraging results in the treatment of leprosy. Sir Pardey Lukis referred to the work done on the hookworm diseases, tuberculosis, etc.

"**NETT WEIGHT**" is a term used in the "London Gazette," although "net" is the correct way of spelling the first word.

CORPSE GLYCERIN.—"The Lancet" estimates that the disgusting German practice of boiling down the dead bodies of soldiers yields per thousand corpses 2 tons of fat, and that from this 4 cwt. of glycerin is obtained.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, April 26, 5.30 p.m.

ALTHOUGH the markets continue quiet in all directions prices are well maintained, and the bulk of the changes still tend upwards. The imports of crude drugs and pharmaceutical chemicals have lately shown a decided falling-off, and many of the latter are now pegged at prices in which there is no inducement to buy except from hand to mouth. Phenacetin, phenazone, and hexamine have a hardening tendency. Methyl salicylate is firmer. Sulphonal is cheaper. Cream of tartar is extremely scarce on spot and much dearer; tartaric acid has slightly advanced, and citric acid is firm. Among drugs, arca is very scarce; balsam Peru is steady, tolu firm, and copaiba unaltered. Honey is quiet. Hydrastis is firmer. Among fixed oils castor is strong and dearer, following the advance in seed. Linseed, cotton, and palm are also higher and sparingly offered; olive is still very scarce; rape, coconut, and soya are firmer. Turpentine oil is quiet. The Norwegian cod-fishing continues poor. Shellac is lower.

Higher	Firmer	Easier	Lower
Castor oil	Coconut oil	Coriander-seed	Lanoline
Cloves	Hydrastis		Lemon oil
Cottonseed oil	Methyl	Eucalyptus	(c.i.f.)
Cream of tartar	salicylate	oil	Shellac
Glucose	Rape oil	Fenugreek-seed	Sulphonal
Linseed	Soya oil	Paraldehyde	Wood oil
Linseed oil			(c.i.f.)
Palm oil			
Saccharin			
Soda caustic			
(U.S.)			
Tartaric acid			
Wormseed oil			

A drug-auction will be held on Thursday, May 3.

Cablegrams.

BERGEN, April 20.—The Norwegian cod-fishing continues poor. The catch of cod amounts to 19,800,000, against 40,600,000 at the corresponding period of last year, and the yield of steam-refined oil is 29,960 barrels, against 48,547 barrels at the same date of 1916.

NEW YORK, April 26.—Business in drugs is quiet. Menthol is 15c. per lb. lower at \$13.00 per lb. Cascara sagrada is steady at 11c. Jalap has been reduced to 10½c. Copaiba is firm at 75c., and elecampane-root is lower at 8c. Peppermint oil in tins is steady at \$2.20, and serpentary-root is lower at 29c. per lb.

ACETIC ANHYDRIDE is offered at 9s. per lb. net for prompt delivery.

ALOES.—The exports from the Union of South Africa during January 1917 amounted to 52,161 lb. (5007.), against 121,520 lb. (9937.) during January 1916.

ANISE OIL (STAR).—Sales to arrive have been made at 3s. 1½d. per lb. c.i.f. for "Red Ship" brand, which is nearest value; spot is quoted 3s. 5d.

ARECA.—Supplies in the open market are unobtainable, and in dealers' hands a few bags are offered at 75s. per cwt.

ARROWROOT.—At auction 46 barrels good manufacturing St. Vincent were bought in at 5½d. to 5¼d.

ARSENIC is very firm at from 70l. to 75l. per ton for best white Cornish powder. Sales of Japanese (93 per cent.) have been made at about 60l. per ton.

ASPIRIN.—Holders of second-hand parcels appear to be still cutting prices, probably due to overstocking, and 14s. per lb. will buy B.P. quality. It seems impossible, however, for the makers, under present conditions of raw materials, to manufacture at these prices.

BALSAMS.—*Peru* is steady at 15s. per lb. net on spot, and to arrive from New York 14s. 6d. is quoted. *Tolu* is 2s. net on spot. *Canada* in cases is 4s. 6d. net. *Copaiba* is unchanged, but supplies are not plentiful, with B.P. quality offering at 4s. 10d., filtered *Para* in cases at 3s. 6d., and unfiltered *Marankam* in casks at 5s. per lb.

BARBITONE is offered at from 110s. to 115s. per lb. net on spot.

BENZOIC ACID is now being produced in fairly large quantities in the United States, and lower prices are quoted for contract over the balance of 1917. The spot price is 33s. net.

BERGAMOT OIL on the spot is quoted at from 21s. to 22s., and at 21s. c.i.f. terms for 38-per-cent.

BLEACHING-POWDER.—Limited quantities can be had at from 29l. to 30l. per ton.

BROMIDES are quite unchanged, with the demand fairly well maintained on the basis of 6s. for granular potash and 6s. 6d. for crystals; ammon. 4s., and soda 2s. 10d. net on spot.

BUCHU.—The exports from the Union of South Africa during January 1917 amounted to 11,751 lb. (2,124l.), against 6,817 lb. (1,140l.) during January 1916.

CANARY-SEED is slow of sale, but unchanged at 78s. to 82s. per quarter for ordinary to good Morocco.

CASTOR OIL.—Owing to the advance in seed Hull make is dearer by 4l. per ton, first pressing in barrels offering at 80l. for prompt and forward delivery; for good seconds Calcutta 7½d. per lb. is quoted ex quay, and 7¾d. in store.

CHILLIES.—At auction 281 bags Japanese offered, and 81 sold without reserve at 70s. for good bright, and yellowish vent at 50s.; 17 bags Nyasaland sold at 85s. to 90s. for good; 136 bales fair Mombasa were bought in at 95s., and 69 bales ordinary Zanzibar at 100s.

CITRIC ACID is very firm at 3s. 5d. per lb. on the spot.

CLOVES are ¼d. per lb. dearer, with sales of Zanzibar on spot at 9¾d. to 9¾d., and January-March and February-April shipment at 9d. c.i.f. d.w. At auction 212 bales Zanzibar offered, and 65 sold at 9¾d. for barely fair; five cases fair picked Penang were bought in at 1s. 3d.

COCAINE.—The position remains very firm, and sales of hydrochloride have been made at 27s. 6d. per oz. net for forward delivery.

COCULUS INDICUS has been very scarce on spot for a lengthy period: to arrive 38s. per cwt. c.i.f. is quoted.

COD-LIVER OIL.—With conditions as they are the market this season will have little or no interest for agents or dealers on this side, the British Government having practically all supplies of the new crop of Norwegian under their control. Best medicinal Norwegian oil of the 1916 crop can be had at from 390s. to 400s. per barrel on the spot as to quantity, and non-freezing Newfoundland can be had at 14s. per gal. net.

As bearing upon the Norwegian cod-fishing the following from the "Tidens Tegn" (March 24) is of interest: "A telegram from Hammerfest states that the new German blockade of the Arctic Sea to the north of Norway will injure the food-supply of North Norway, inasmuch as it cuts off the best fishing grounds north and east of the ice-sea, and leaves only the western sea open. It also interferes with the shark-fishery on the banks to the west. In some years this western fishery is a failure, and now it will be the only one open. Meanwhile, the boats are almost ready to sail, and the crews are engaged. As to the cod-fishery, if it must be carried on inside the territorial waters it will be almost impossible for East Finmark, and very difficult for West Finmark."

CORIANDER-SEED is offering at 75s. per cwt. for good Morocco on the spot.

CREAM OF TARTAR is extremely scarce on spot and dearer, 98-per-cent. powder offering at 210s., and 99 to 100 per cent. at 212s. 6d. per cwt.

CUMIN-SEED.—At auction 129 bags offered, and 52 sold at 80s. per cwt. Privately some small sales have been made lately at 80s. per cwt. for good sifted Morocco on the spot.

DIAMIDOPHENOL is offered at 27s. 6d. per lb. net.

DILL-SEED has been sold at 40s. per cwt. c.i.f. terms for shipment from India.

FENUGREEK-SEED is slightly easier, with sales of fair Morocco on the spot at 38s. per cwt.

FORMALDEHYDE.—From 110s. to 112s. 6d. is still the spot price, with supplies coming forward very slowly. The position in United States is again firmer, due to the advance in wood alcohol.

GINGER.—In Liverpool, Sierra Leone is quoted at 45s. per cwt., at which small sales have been made. At the London auction on Wednesday, 110 bags Japanese offered and 80 sold, including fair-lined at 49s.; 200 bags bold brown rough Calicut were bought in at 70s. to 75s.

GLUCOSE is very difficult to obtain, the quotation being nominal at from 60s. to 65s. per cwt. for either liquid or solid.

HONEY.—The sales in Liverpool include amber Jamaica at 97s. and pale amber at 105s. per cwt. in store.

HYDRASTIS is firmer at 25s. 6d. per lb. net c.i.f. to arrive; New York reports that the price has advanced to \$5.50, following on more inquiry from local dealers.

HYDROQUINONE can be had at 11s. 6d. per lb. net.

LANOLINE.—With plentiful supplies, anhydrous can be had at from 1s. 10d. to 2s. per lb. net, and hydrous at from 1s. 4d. to 1s. 6d. per lb. net, as to quantity.

LEMON OIL.—In the absence of support, the Sicilian market shows a decline to 3s. 9d. to 4s. per lb. c.i.f. for finest genuine, which are practically the spot prices also.

LINSEED is dearer: good clean quality is quoted 130s. per quarter.

MENTHOL remains flat, with spot sellers of Kobayashi-Suzuki at 12s. per lb. on the spot.

METHYL SALICYLATE is firmer at from 5s. to 5s. 3d. per lb. net.

METOL is worth 75s. per lb. net.

OILS (ESSENTIAL).—The following are a few current (mostly net) quotations for spot supplies: White Camphor, 85s. per cwt.; foreign Caraway, 15s. 6d.; Clove, 6s. to 6s. 1d.; *Copaiba*, 6s. 6d.; *Cubeb*, 29s.; foreign Juniper-berry, B.P., 45s., ditto wood, 9s.; Mitcham Lavender, 94s.; Mont Blanc, 16s.; *Pine pumilionis*, 24s.; *Sylvestris*, 11s. 6d.; American *Sassafras*, 3s. 6d.; Mustard, essential, 80s.; genuine Wintergreen, 12s. 6d.; Wormseed, 21s. 6d.; Birch Tar, 12s. 6d., crude ditto, 9s. per lb. *Geranium*, Bourbon, 14s. 3d., African, 14s. 6d.; *Spike*, French, 4s. 6d., Spanish, 2s. 9d.; *Neroli*, pure, 10s. 3d., bigarade, 9s. 3d.; *Palmarosa*, 11s.; Paraguayan *Petitgrain*, 12s.; French *Rosemary*, 2s. 9d., Spanish, 1s. 10d.; red Thyme, 5s. 6d. per lb. net.

OILS (FIXED).—*Linseed* is dearer, closing at 57s. 3d. per cwt. in pipes landed and 58s. 5d. in barrels on spot. *Cottonseed* is 5s. higher at 60s. for crude in pipes, and pale refined in pipes on spot is 63s., for sweet refined in barrels from 67s. to 70s. is quoted. *Rape* is firmer, with ordinary brown naked on spot offering at 66s. British refined in barrels is 71s. to 72s., and Japanese in cases 63s. 3d. c.i.f. for May-June shipment. *Cocunut* is quiet at 72s. for Ceylon in hogsheds on spot and 69s. in pipes. *Cochin* on spot is 70s. to 75s., and shipment 67s. per cwt. c.i.f. London pressed is 57s. *Hankow Wood* oil is unchanged at 86s. spot, and to arrive 79s. c.i.f. is quoted, being lower. *Soya* is firmer in London, with 54s. 6d. c.i.f. quoted on passage. Hull is not offered. *Lagos Palm* is dearer at 51s. on spot and 52s. 3d. ex quay Liverpool.

PARALDEHYDE is easier at from 13s. to 13s. 6d. per lb. net.

PARAMIDOPHENOL HYDROCHLORIDE is offered at 25s. per lb.

PEPPERS are quiet, with sellers of fair black Singapore at 10½d., Tellicherry and Alleppy at 11d. At auction 20 bags Singapore sold at 10½d. Fair Singapore white on the spot has sellers at 1s. 0½d., and fair Muntok at 1s. 1d.; at auction 134 bags Muntok were retired at 1s. 1d.

PHENACETIN is unchanged at from 77s. 6d. to 80s. per lb. net on spot.

PHENAZONE is in fair demand, but supplies are not plentiful at 57s. per lb. net.

PHLOCARPINE.—Nitrate is offered at 22s., and hydrochlor. at 24s. per oz. net.

PIMENTO.—At auction 150 bags were bought in at 4½d. per lb.

POTASH CARBONATE.—Confirming last week's paragraph, we may add that the price of the new Russian crop is expected to be much above the ruling spot values, and as no arrivals are expected for several months, the present price of about 100l. per ton for 85 to 90 per cent. is attractive.

POTASH IODIDE.—The competition from Japan seems to have been much more aggressive of late, judging by the regularity of imports, and as this means less business for the English makers, the situation may call for action later. When the imports were small little notice was taken of them.

PYROGALLIC ACID.—Crystals offer at 16s. 6a. and re-sublimed at 18s. net, with a rising tendency in view of the scarcity of galls.

QUININE is quite unchanged, with little business this week. Second-hands quote 2s. 8d. per oz. for Dutch. Makers continue busily occupied, and are not eager sellers.

RHUBARB.—Small sales of rough-round horny High-dried have been made at 11d. per lb.

SACCHARIN.—Second-hand holders are getting 280s. per lb., duty paid, and even more for 550 strength, supplies being very scarce. The makers in this country hope to be in a position shortly to manufacture on a larger scale, which may afford some relief to the aerated-water trade in view of the sugar shortage.

SALICYLATES.—Makers are well sold over April and May, and everything points to higher prices, especially in sodium salicylate, little of which is made in this country; 5s. 3d. to 5s. 6d. per lb. is quoted for powder to arrive, and 5s. 6d. on the spot. Finest B.P. salicylic acid is worth from 3s. 11d. to 4s. as to quantity.

SARSAPARILLA.—A parcel of grey and Lima Jamaica will probably be offered next week. Native red Jamaica is selling at 1s. 6d., and Mexican is worth from 1s. 5d. to 1s. 6d.

SHELLAC.—A drop in the Calcutta rupee price from 97rs. to 86rs. has led to a reduction in spot prices of about 12s. per cwt., usual standard TN Orange quality closing at 200s., with a small business; AC Garnet is 215s. Futures are also lower.

SODA ASH.—Small parcels of 58-per-cent. alkali are obtainable at from 12l. to 12l. 5s. per ton.

SODA BENZOATE ex toluol is offered at from 24s. 6d. to 25s. per lb. net on spot.

SODA CAUSTIC is again dearer in United States, 76 to 77 per cent. being worth about 26l. to 26l. 10s., and 70 per cent. 25l. 10s. per ton f.o.b.

SODA HYPOSULPHITE is becoming scarcer day by day, and ordinary crystals are worth fully 20l. per ton.

SULPHONAL is cheaper, with crystals or powder offering at 35s. per lb. net, and less for quantity.

TARTARIC ACID is dearer at 3s. per lb. on the spot.

TURPENTINE has been quiet, with American fluctuating between 53s. 6d. and 53s. 9d. on the spot, but to-day market closes at 54s. 9d. per cwt.

VANILLIN.—From 28s. to 28s. 6d. per lb. is being obtained by dealers.

WAX, BEES'.—Sales of Gambia have been made in Liverpool at 9l. 10s. per cwt.

Port of London Charges.

The Port of London Authority give notice that in consequence of the extra cost entailed by further increases in wages and other expenditure due to war conditions, the following increases will be made in the existing tariffs of dock and warehouse dues, rates and charges, viz.: Dock and warehouse rates, charges and rent on goods, 30 per cent. instead of 15 per cent. as at present; dock dues and other charges (except rent) on vessels and lighters, 30 per cent. instead of 15 per cent., as at present; dock dues on vessels in Class I., 27½ per cent. instead of 12½ per cent., as at present; rent on vessels and lighters, 15 per cent. These increases will take effect as from May 4, 1917.

German Drug and Chemical Markets.

The following notes chiefly refer to the Hamburg and Berlin markets, under date of March 17 and April 3:

BORAX and **BORIC ACID** cannot be obtained from the factories as raw material is absolutely wanting. Consequently the demand for prompt is very active, but it is only obtainable from second- and third-hands at from m.14 to m.15 per kilo. for crystals or powdered borax, and from m.18 to m.18.50 per kilo. for boric-acid crystals.

OILS (ESSENTIAL).—*Star Anise* remains quoted at m.20. *Cajuput* is very scarce, and is wanted. *Caraway* has advanced to m.42. *Cassia* has advanced to m.28. *Clove* is unchanged. *Bergamot* is badly wanted, but is unobtainable. *Lime* has advanced. *Pomeranian* oils have advanced by m.10 per kilo. *Palmarosa* oil quoted at m.53. *Patchouli* is only obtainable in small quantities at m.170. *American Peppermint* is unobtainable, and much wanted. Twice-rectified so-called German peppermint oil has been advanced to from m.35 to m.40 per kilo., according to quality and quantity.

OPIMUM AND OPIUM ALKALOIDS.—The Constantinople quotation is the basis for the opium-trade, and as the prices in Turkey are high at present (from m.70 to m.75 per kilo.), prices of alkaloids in Germany are also high. Morphine hydrochloride is quoted at from m.640 to m.665 per kilo.; codeine, pure, m.870 to m.895; codeine phosphate from m.750 to m.775 per kilo. Opium preparations are not yet scarce.

OXALIC ACID AND SALTS.—The "Verkaufsstelle" for oxalic acid in Austria has further advanced prices. Only regular customers can obtain limited quantities at the following prices: Oxalic-acid crystals, m.105; powdered, m.120; potash binoxalate, m.135; powdered, m.142.50 per 100 kilos.

THYMOL is still quoted at m.80, but stocks are very small.

TURPENTINE OIL.—Trade in inland and foreign turpentine oil is now controlled by the War Committee for the Supply

of Fats and Fixed Oils, so speculation in Swedish turpentine oil has been stopped. This had been selling at m.375 to m.425 per 100 kilos., but the maximum price has been fixed at m.70 per 100 kilos.

VANILLIN is only obtainable in extraordinarily small quantities, and at extremely high prices.

Arrivals of Chemicals, Drugs, etc.

The following are among the arrivals at the Ports of London and Liverpool from April 17 to 23 inclusive:

To London.	To Liverpool.
Acetanilide, 54 brls.	Acetic acid, 197 brls.
Acetic acid, 115 cbys.	100 cbys.
644 brls.	Albumen, 56 cs.
Aloes, 25 cs. 55 pkgs.	Annatto, 10 cks.
Anise oil, star, 100 cs.	Antim. ore, 416 tons
Antim. reg., 27 tons	Bismuth ore, 18 cwt.
Antim. sulphide, 112 cs.	Castor oil, 450 cs.
Argol, 2,578 bgs. 264 pkgs.	Condurango, 9 sks.
Arsenic, 200 cwt.	Copaiba oil, 4 cs.
Balsam peru, 20 cs.	Cream of tartar, 51 cks.
Barytes, 200 bgs.	Cutch, 1,450 bgs.
Belladonna-root, 14 bgs.	Dental goods, 270l.
Benzoic acid, 5 brls.	Drugs, unrated, 260 pkgs.
Bism. formic. iod. co., 2 cs.	126 sks. 48 bgs.
Bismuth ores, 1,150l.	5 cs. 1,956 bxs. 30l.
Buchu, 26 bls.	Gambier, 529 bgs.;
Burdock-root, 20 bls.	tanning ext., 34,885
Butter-colour, 22 cks.	bgs.; sumach, 28
Calc. tartrate, 92 bgs.	bgs.; dyewood ext.,
Calomel, 10 cs.	1,000 bxs. 180 cks.;
Camphor, 100 cs.	logwood ext., 40 cs.;
Cashew-nuts, 100 cwt.	fustic ext., 107 brls.;
Cassia fist., 20l.	hematine crystals,
Castor oil, 337 drms.	100 cks.; hematine
Cerium nit. 51l.	paste, 60 cs.
Chamomiles, 34 bls.	Gum copal, 98 bgs.
Chloral hyd., 20 kegs.	198 brls.
500 lb.	Iodine, 570 brls.
Chionon, 20 cs.	Kola, 19.
Citric acid, 130 kgs. 4 cks.	Lactic acid, 31 cks.
Cocaine, 1 cs.	Nuts and kernels: ba-
Colchicum, 7 bgs.	bassu kern., 1,590 bgs.;
Copra, 14,420 cwt.	copra, 4,569 bgs.;
Corrosive sub., 10 cs.	ground nuts, 4,152
Couch-grass, 43 bls.	tons 19,452 bgs.;
Deertongue-leaves, 3 bls.	illipe, 360 bgs.;
Dimethyl sulph., 1 cyl.	palm - kern., 34,082
Drugs, various, 92 pkgs.	bgs.; shea, 640 bgs.
Eucalyptus oil, 20 cs.	Oils, essential, 14 crts.;
Formaldehyde, 39 brls.	bay, 4 cs.; birch,
Gambier, 510 cs.	4 cs.; cedarwood,
Gambose, 25 cs.	10 cs.; peppermint,
Gentian pow., 5 bgs.	20 cs.; sassafras,
Glycerin, dist., 1,215l.	5 cs.; terpineol, 10
Ground-nuts, 250 cwt.	cs.
Gums: acacia, 228 cwt.; copal and dam-	Oils, fixed: arachis,
mar, 1,000 cwt.; dam-	3,112 cs.; coconut,
mar, 401 cwt.; kino	512 cs.; cotton, 1,556
eucalypt., 8 cwt.;	cs.; mustard, 49
oilbanum, 56 cwt.	drms.; palm, 516
Heliotropin, 2 cs.	cks.; turpentine,
Henna-leaves, 32 bls.	2,000 brls.; wood,
Hydrastis, 2 bls.	164 cks.
Indigo, 11 chts.	Oxalic acid, 40 cks.
Insect-flow., 20 bls.	Rosin, 7,410 brls. 752
Ipecacuanha, 11 bls.	cks.
Laurel-leaves, 66 bls.	Seeds: cotton, 11,855
Linalyl acetate, 2 cs.	bgs.; lin., 1,175
Malefern root, 25 bgs.	pkgs.
Medicinal capsules, 40l.	Soda hypo, 2 cs.
Menthol, 11 cs.	Tartaric acid, 44 cks.
Milk of magnesia, 100 bxs.	Trisodium phosph., 27
	brls.
	Vanilla, 2 cs.
	Wax bees', 4 cs. 20
	Wax, 556 bgs. 155
	Wax, candelilla, 88 bgs.

INDIAN EXPORTS of chemicals, drugs, and medicines during 1916, amounted to 2,242,883l., against 1,651,742l. in 1915 and 1,571,843l. in 1914; gums, resins, and lac exports in 1916 were valued at 1,671,295l., against 1,064,533l. in 1915 and 1,288,349l. in 1914.

UGANDA CHILLIES.—The value of this crop has decreased in five years from 20,000l. to 5,835l., representing a total of 5,116 cwt. exported from the Protectorate during 1914. An increased crop resulted, however, in 1914-15, as prices of chillies have risen considerably.

TIBETAN MUSK.—The exports of musk from Tibet to the frontier town of Tachienlu (Szechuan) during 1915 were adversely affected by the war, the price declining to ten taels per Chinese ounce (about 22s. 6d. per oz.). The total imports into Tachienlu were from 42,000 to 43,000 British ounces. This is, of course, *entrepôt* trade, as much of it filters through to Hong-Kong and Shanghai.



Ordering Thermometers.

SIR,—We should like to draw your attention to the fact that any chemist requiring thermometers of any kind must, on account of the new rules for the Defence of the Realm, obtain permission from the Ministry of Munitions, Optical and Glassware Department, 117 Piccadilly, W., sending them two copies of the order he proposes to send, and ask for their approval before the order can be executed. We thought it better to ask you to draw your readers' attention to this matter, as it will save a good deal of useless correspondence. The manufacturer must not execute an order until the permission of the Ministry of Munitions is obtained.

Yours faithfully,

142 St. John Street, E.C. F. DARTON & Co.
[Particulars in regard to this were given in the *C. & D.*, January 13, p. 33, and January 20, p. 42.—EDITOR *C. & D.*]

Hard Lines

SIR,—We are loyally doing our utmost to provide our Navy and Army with the goods they require, and the majority of our output of tooth-brushes is at present for the Government. This necessarily prevents our keeping up our regular trade, but is it not hard-lines when we get a letter like this?—

"Now the question of your inability to supply these tooth-brushes is a serious one to us, as we have for years relied on you to supply. If you are still unable to execute our orders, we shall be obliged to get the orders executed elsewhere, not only now but after the war."

We feel sure you will agree with us that British manufacturers should not be thus penalised for their loyalty.—We are, yours faithfully,

G. B. KENT & SONS, LTD.
A. BARTON KENT, Director.

Farringdon Road, E.C. 1.

[We expect the writer from whose letter the quotation is taken is one of those individuals who have not yet realised that a very large percentage of workers are fighting for him, as this country is at war. Simultaneous working at benches and in trenches is impossible.—EDITOR *C. & D.*]

No Formula Disclosure in Queensland.

SIR,—In the *C. & D.*, February 17, p. 35, you reported that formula disclosure had been defeated in the Queensland Parliament. This was information received by cable, and the Proprietary Articles Section of the London Chamber of Commerce has now received fuller particulars. Under the Queensland Health Act regulations requiring formula disclosure were gazetted on December 15 last; they were debated in the Legislative Council on February 7, and were disallowed by 15 votes to 2, the two who voted for the regulations being the Secretary for Mines, who had charge of the regulations (Hon. W. Hamilton), and a doctor (Hon. C. F. Marks). The Council not only disallowed these regulations, but also provided a clause in the Bill to prevent any demand for formula being made by regulation. This clause was accepted by the Legislative Assembly. The Council and the Assembly are the Lower and Upper Houses of Parliament respectively. As the law now stands in Queensland no regulation can be made under the Health Act of 1911 (and the amendments of 1917) demanding formula.

I am sorry to inform you that Mr. McKenzie, the Australian manager for Dr. Williams Medicine Co., who worked with Mr. Cullen-Ward (Secretary of the Proprietary Articles Section in Sydney) in this matter, died very suddenly in Australia early this month. Mr. McKenzie had worked with Mr. Cullen-Ward right through the winter in connection with this Queensland trouble, and also visited West Australia with Mr. Cullen-Ward, when similar regulations were gazetted five years ago. The regulations then, as now, were defeated by work which these two gentlemen did in conjunction with Mr. Garner (of Fauldings, Perth).

Yours faithfully,

65 Goswell Road, E.C. 1. J. KENNINGHAM.

Something Good for the Trenches.

Mr. U. Aylmer Coates, chemist, Burnley, writes: "I have supplied several soldiers in the trenches who have written to me with a very simple remedy for destroying lice. One of them who has just returned says it answered splendidly. It consists of equal parts of the oils of peppermint and eucalyptus. A little is smeared on parts of the body with the fingers. It is not only effectual but also harmless."

Legal and Miscellaneous Queries.

B. & S. (7/4).—We cannot find any references to "Dr. Jenner's Pills"; these are possibly a local proprietary medicine.

Salol (15/25).—N.C.I. POWDER for body-vermin consists of naphthalene 96, creosote 2, and iodoform 2. See *C. & D.*, June 20, 1916, p. 46, for further particulars.

T. H. P. (256/48).—SUBSTITUTE FOR GLYCERIN.—We suggested some time ago, as a substitute for glycerin in copying-graphs, a mixture of glucose and saturated solution of calcium chloride. It would be necessary to add some carbolic acid as a preservative. We have not heard from our inquirer whether he tried this suggestion, so are unable to give you the result of practical experience.

Bodilan (9/5) has a customer with hornless cows. A calf now and again develops horns. Can any application be applied to the horn when just growing to prevent growth? [To prevent the growth of horn he can adopt either of the following, both of which are practised every day: (1) When the horn is just through the skin, cut it completely out with a sharp knife (a shoeing-knife does); go right down to the scalp, then sear with a heated knob of iron—the head of a poker does very well. (2) This is more extended and tedious. When the horn is as above, rub or paint on to it a strong solution of caustic potash or liq. sodii ethylatis daily for a few days, then every second or third day, for a time, or until the horn has ceased to grow and all signs of vitality have disappeared.]

Ph.C. (10/53) suggests that as SPARROWS AND ROOKS are now condemned by the Board of Agriculture, some hints to chemists as to how to get rid of them would be useful. This was done in the *C. & D.*, November 18, 1916, p. 45, when we dealt editorially with advice that the Board had given on the use of poisoned grain for poisoning sparrows, and the effect of the Protection of Animals Act, 1911, Sec. 8. We quoted then from a letter which we had received from Lord Crawford on the subject, and from a leaflet issued by the Board in regard to the use of poisons in killing sparrows. In this, as in many cases, the *C. & D.* was perhaps a little too previous. The Board's leaflet No. 84, on the House Sparrow, can be obtained free on application to the Board, Whitehall Place, London, S.W.

Cyanide (12/72).—It is perfectly legal to supply scour-powders for calves, the powders containing 1 per cent. of opium, without a veterinary surgeon's prescription. Besides entering the sale in the poison-book (or in the prescription-book if it is a dispensing transaction) a record must be made in the opium-book prescribed by the Cocaine and Opium Regulations. Gall-and-opium ointment contains 7.5 per cent. of opium, and if the opium contains 10 per cent. of morphine the ointment will be a Part I. poison, but it is legal to make the ointment with an opium containing 9.5 per cent. of morphine, and if that is used the ointment will be in Part II. We consider, however, that it is desirable to use 10-per-cent. opium and treat the preparation as a Part I. article. The ointment does not come under the Cocaine and Opium Regulations.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," April 15, 1867.

The Pharmacy Bill.

Clause 17 provided that poisons are to be distinctly labelled. It was shorter than Section 17 and differed from it. Originally it applied to sales by wholesale or retail, and imposed the conditions upon "seller, giver, or deliverer." The poison schedule was in one part, so that the different conditions on sale were not made, nor were the export, wholesale, and dispensing conditions mentioned. Clause 18 was: "All persons registered under this Act shall be exempt from jury service." It did not pass. Clauses 19, 20, and 21 became Sections 18, 19, and 20 of the Act, and Clause 22, dealing with the Benevolent Fund, was substantially what Section 22 is. Sections 23, 24, 25, and 26 were not in the Bill, nor was Section 27: "This Act shall not extend to Ireland." Clause 23 became Section 28. The poison schedule proposed contained cyanides of potassium and mercury, and nitrates of mercury and red and white precipitate. The schedule, as passed, included ergot of rye and its preparations. The schedule was divided by Parliament into Part 1 (ten items) and Part 2 (five items). The other schedules are as in the Bill, and added to them is schedule (F), which is the form for the Poisons Book.

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This Bicarbonate answers all the requirements of the British Pharmacopœia. It is a pure, refined, and recrystallised salt, particularly free from metals or any base other than soda. This sodium bicarbonate is specially suitable for the preparation of granular effervescent preparations and salines, seidlitz powders and baking powders, and is well adapted for other medicinal and domestic purposes. It is the purest and cheapest sodium bicarbonate made.

**Concentrated
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This sodium compound (sodium sesquicarbonate) is a variety of carbonate of soda in small silky crystals, containing much less water than ordinary washing soda; 1 lb. of it does the work of 2 lbs. of washing soda. Concentrated crystal soda is excellently suited for chemists' trade; they can make a speciality of it, and it is also suited for making water-softeners, brush powders, hair-wash powders, and the like.

Pure Alkali.
58 Degrees.

A dry, white powder: dissolves quickly and easily in water, making an excellent detergent for use by printers, bleachers, dyers, and for bottle washing. Is nearly equal to 99 per cent. carbonate of soda; is much used by glass, paper, and soap makers. The best alkali for soap powders and washing powders.

Pure Soda Crystals Caustic Soda.

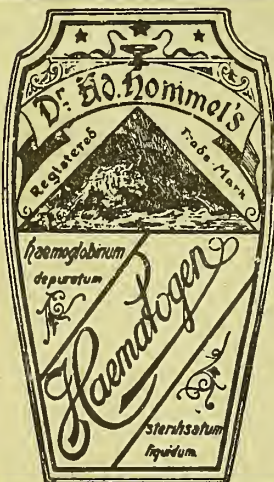
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Boletus Cervinus
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" Ammoniac
" Tragacanth
Frangula Bark
Flores Cyanæ
(Cornflowers)

Cantharides
Isinglass:
Sallianski Osietr Samovi
Blood Albumine
Musk Cabardine
Coriander Oil
Anise Oil
Soap Root

STOCKS IN LONDON.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C

SATURDAY, APRIL 28 1917

This Supplement is inserted in every number of "The Chemist and Druggist."

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—MAYFAIR.—For immediate Disposal, high-class Dispensing and Retail Business; returns about £1,200; gross profit between £650 and £700; the business is known to us, and we can recommend it; valuation terms.

2.—OXFORD STREET (Near).—Death vacancy; lock-up Pharmacy; situate in main thoroughfare; attractive shop and good stock; returns about £1,000; profits above the average of Retail trade; terms, valuation of stock and fixtures

3.—LONDON SUBURB (Few Miles Out).—Good-class Business; capital position; returns about £2,000; intending investors with £1,100 at command will find this a sound concern.

4.—LONDON, S.W.—Very old-established Business; held by vendor many years, now retiring; returns between £850 and £900; profit above the average; first reasonable offer will be accepted.

5.—LONDON, S.W.—Medium-class Family trade; well established; turnover averages £925; gross profit £355; comfortable residence; rent £45; sub-let £13; no near opposition; price £400, or valuation of stock and fixtures.

6.—WALHAM GREEN STATION (Within Easy Distance of).—Ready-money Retail; returns upwards of £1,000 per annum at fair prices; net profit estimated at £300; price £750, about the value of stock and fixtures.

7.—LONDON (Northern Suburb).—Situate in main shopping thoroughfare, well-established Business; increasing income; returns between £1,000 and £1,100; profits exceed the usual rate

of middle-class business; well-fitted shop and comfortable residence, with garden; price £600.

8.—HOME COUNTY.—Established Business; returns upwards of £1,400 yearly at fair prices; attractive shop, double-fronted; well-selected stock; rent £50 yearly; price £900.

9.—SURREY.—Good-class Retail and Dispensing Business, with Optical connection, in select residential district; returns about £2,500 per annum; terms, valuation of stock and fixtures, and sum for goodwill to be agreed equitably.

10.—BOURNEMOUTH.—Old-established Business, essentially Dispensing and Family Retail; position unique; returns £2,500; under modern management an opening presents to considerably augment the turnover; terms, valuation of stock and fixtures, less a substantial rebate; vendor retiring.

11.—SUSSEX.—For immediate Disposal, well-established Business returning between £700 and £750; profits about 50 per cent.; commodious premises; rent £10 yearly; new lease will be granted; price to be arranged equitably; illness cause of sale.

12.—L. & S.W. LINE (Residential Locality).—Select good-class Business, admitting of extension; returns about £1,000 at good prices; well-appointed shop and good house; price about £700.

13.—SOUTHAMPTON (Near).—Mixed Business; returns under assistant over £800 yearly; net profit £300; full investigation invited; reasonable offer would be accepted.

14.—WEST OF ENGLAND.—For Disposal through death, Family and Dispensing Business; returns between £400 and £500; rent £38; no immediate opposition; price £175.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

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BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CORNWALL.—Light Retail and Dispensing Business; suit lady or ineligible gentleman; no near opposition; lock-up shop; good position in main street; lease nearly 10 years to run; all cash trade; several good Proprietaries; good market town; no Insurance work; owner retiring from Retail. Particulars, Samuel Arthur, Chemist, Redruth.

LONDON SUBURB.—Old-established Cash Business for Sale, doing nearly £900 yearly under management; low rent; good prices obtained; densely populated district; very little N.H.I.; could be doubled by a smart man; £400 for quick sale, or valuation and small goodwill. Address, "Called Up" (213/15), Office of this Paper.

LONDON, N.W.—Old-established high-class Pharmacy for Sale; good prices obtained; takings this year average £30 per week; scope for increase; Optics and Photography could be easily added to advantage; moderate rent; no reasonable offer refused for quick sale, as owner must sell. 212/1, Office of this Paper.

WEST END.—Most desirable opportunity occurs of acquiring a first-class Dispensing Business prominently situated in one of the best residential centres; well established and producing a clear net profit of £700 yearly; excellent premises; scope for considerable increase; price £1,100; fullest investigation courted; references exchanged. Apply, "Major" (214/38), Office of this Paper.

BUSINESS for Disposal in S.E. London district; returns about £600; no near opposition; increasing N.H.I. Dispensing; would accept £150 for quick sale, or valuation of stock and fixtures; good house above; cheap rent; good reason for selling. Apply, 210/31, Office of this Paper.

FOR SALE.—Business in London; Drug and Herbal Stores; no other near; in thickly populated district; main road; established 30 years; including many valuable recipes, with Pill Machinery, etc.; illness cause of sale. F. Carter, 7 Queen's Road, Peckham, London, S.E.

PARSON C. BAKER

(Pharmaceutical Chemist),

Trade Valuer & Transfer Agent.

Recommended by The British Drug Houses, Ltd.; Messrs. Messer & Co., Barclay & Sons, Ltd.

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1.—DEVON (Market Town).—Good-class Retail, Agricultural, and Photographic Business, under management and scope for increase; returns average £1,500; principal did £1,500; main road position; splendid premises; fully stocked; price simply valuation, about £900.

2.—SOUTHEAST-ON-SEA.—Very profitable Light Retail, few patents; present returns £12 weekly under manager; will do £25 to £30 in season; fine main-road position; good house attached; price £250, or £50 and valuation; strongly recommended.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—YORKS.—First-class Retail and Dispensing Business, pleasantly situated; easily worked; returns over £900; net profit £300; good house and Pharmacy; scope for increase; price, valuation about £650.

5.—LONDON, N. (13 Miles Out).—Middle-class Retail and Dispensing; pleasantly situated; main-road position; returns £1,500, including £250 Dental; net profit nearly £500; modern house, bathroom, and large garden; low rent; books properly kept; price £600, or £150 and valuation; partnership arranged.

6.—LONDON, S.W.—Profitable Cash Suburban Retail; entirely under manager; present returns between £800 and £900; plenty of scope; rent £50, half let off on lease; well stocked; good position; price £20 and valuation; manager called up.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application. See page 90 of the *C. & D. Diary*, 1917.

FOR SALE.

FOR SALE, Christie and Norris No. 0 Disintegrator, new; $\frac{1}{2}$ and $\frac{3}{4}$ Screens (6 pairs) and extra Beater. Particulars, Gray & Co., 138 Lower Kennington Lane, London, S.E. 11.

FOR Sale, an excellent Remedy for Gout, Rheumatism, kindred diseases, a Medicine and Embrocation, having been supplied locally in Bourne-mouth for 6 years with great success and numerous testimonials from all classes; fully protected with trademark; would sell the whole or part; a great success. 16 Hawkwood Road, Boscombe.

MUST sell at once, slightly used, second-hand National Cash Register; prints tickets; low price for quick sale. Write to F. Nicholls, 45 Cumberland Street, Caledonian Road, N. 1.

OATMEAL.—200 x 1 lb. tins Knorr's Superfine Oatmeal (flour), suitable for Invalid Food or Toilet Preparations. Apply Quicks, 20 Peckford Place, Brixton Road, S.W. 9. (Sample Tin post paid 1s.)

PHENACETIN; 5 lb. Surplus Stock; will sell in 1 ozs. at 4s. 6d per oz., or may accept offers for larger quantities. Address, J. S. R., 4 Shakespeare Crescent, Manor Park, E. 12.

WALNUT Desk, kneehole, 9 drawers, £3; Female Syringes, 2 doz. 2 oz. 3s. 6d., 2 doz. 1 oz. 2s. 9d.; Hydrometer, 1s. 6d.; 5 Urmometers Diabetes, 1s. each; 6 ditto, with trial jar, 1s. 9d.; 2 Argentometers, 1s.; Twaddell's Hydrometers, 5 No. 6, 4 No. 5, 4 No. 4, 1s.; Bent-glass Case, 56 x 15 x 8. £3; 4 doz. Oak Barrels, 3s., $\frac{1}{2}$ lb., tin bound; Soda Sal., 1 lb., 7s.; Pot. Brom., 1 lb., 6s. 6d.; Menthol xt., 1s. oz.: 1 oz. Ol Neroli, 6s.; 1 lb. Tinct. Ergote, 3s.; 1 lb. Tinct. Calendula, 3s.; $\frac{1}{2}$ lb. Syr. Trifolium Co., 2s.; 2 oz. Araroba, 1s. 3d.; $\frac{1}{2}$ lb. Pulv. Ergot, 2s.; 1 oz. Camphor Monobrom., 1s. 6d.; 1 oz. Soda Permang., 1s. Shaw, 93 Dewsbury Road, Leeds

LEGAL.

Re HARRY HODGKINSON CHARLESWORTH, Deceased.

Pursuant to the Statute 22 and 23 Victoria, cap. 35.

NOTICE is hereby given, that all creditors and other persons having any debts, claims or demands against the estate of Harry Hodgkinson Charlesworth, late of 780 Fulham Road, in the County of London, Chemist (who died on the 9th day of February, 1917, and to whose estate letters of administration were granted out of the Principal Probate Registry to Lydia Thomas Charlesworth on the 13th day of April, 1917), are hereby required to send particulars, in writing, of their claims to us, the undersigned, on or before the 25th day of May, 1917, after which date the said administratrix will proceed to distribute the assets of the said deceased amongst the persons entitled thereto, having regard only to the claims of which she shall then have had notice; and she will not be liable for the assets of the said deceased, or any part thereof, so distributed, to any person or persons of whose claims she shall not then have had notice.

Dated this 24th day of April, 1917.

ABBOTT & HUDSON,

9 Fenchurch Street, London, E.C. 3.

Solicitors for the said Administratrix.

BUSINESSES WANTED.

GENUINE Chemist Retail and Dispensing Business wanted: London N. district or within a few miles of London (not beyond 10); good village business not objected to; must stand very strict investigation; price round about £500; no agents. Reply, Gorgon Graham, 43 Lakeside Road, Palmers Green, N.

PARTNERSHIPS.

LONDON, S.W.—Unqualified Working Partner required to live on premises; must be active and reliable; young man preferred, if ineligible for Army; salary £100 and good house accommodation, with interest in business. Apply, with usual particulars, to F. J. Sproston, 77 Abbeville Road, Clapham Park.

AGENCIES.

INFLUENTIAL Indian Agency.—Manager, resident in India and with offices in all important towns, practically controlling the Bombay, Calcutta, and Karachi markets, is desirous of securing agencies for Chemicals, Medicinal Drugs, Fruit Salts, Oils, Patent Medicines, and Drugs of every description; at present representing many of the oldest and largest British Commercial Houses in various lines; if the rates are in order and shipments can be made large orders can be guaranteed immediately. Address inquiries to Box "B.," Broekie, Haslam & Co., 25 Fleet Street, London, E.C. 4.

AN old-established connection with Retail Chemists throughout the United Kingdom, together with a complete Selling Organisation comprising twelve representatives, is at the disposal of Manufacturers of high-class Specialties. Apply, in first instance, to "X. Y. Z." (14/49), Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

RETAIL.

BIRMINGHAM.—Smart young lady Assistant required; must have had good previous experience with a Chemist. "Ley" (212/15), Office of this Paper.

BIRMINGHAM.—Good opening for smart, unqualified man, age over 42, in the office of a well-known firm; must have had all-round experience and be well up in prices. "Hazel" (212/150), Office of this Paper.

BLACKBURN.—Assistant required, unqualified, active, for Wholesale and Retail. State age, salary, and references, to C. A. Critchley & Co., Pharmaceutical Chemists, 10 King William Street, Blackburn.

BURSLEM.—Assistant, either sex (if male, ineligible for military service), for Country Wholesale and Retail; outdoors; single; short hours; must be a good Salesman. State age, height, and experience, with references and salary required, Thos. Leicester, Chemist, Burslem.

BURSLEM.—Wanted, lady Assistant; age about 24; accustomed to Chemist's Retail; outdoors. Please give reference and state salary, T. Charles, Chemist, Burslem, Staffs.

BUXTON.—Lady Assistant, qualified or unqualified, with Retail experience, wanted for a good-class Business; outdoor berth. Apply, W. T. Young, 7 Spring Gardens, Buxton, Derbyshire.

BUXTON.—Assistant, at once, gentleman or lady, for good-class Dispensing business; preference indoors; comfortable quarters. Apply, Thresh, Pharmacist, Buxton.

CIRENCESTER.—Assistant; Dispensing and Agricultural business. Apply, with usual particulars, enclosing photograph, Harold Smith, Cirencester.

CROYDON.—Wanted, smart, reliable, unqualified Assistant for Dispensing and Counter; good salary and prospects to right man. S. Vincent, Chemist, Addiscombe, Croydon.

DARLINGTON.—Lady Assistant required; qualified (or experienced if unqualified). Apply, stating age and salary required, to Waters, Chemists, Darlington.

ERITH-ON-THAMES (12 miles from London Bridge).—Capable Assistant required at once for brisk Light Retail and Dispensing in manufacturing district; outdoors; reasonable hours; good salary offered to reliable man. In reply, please give fullest particulars, enclosing photo (to be returned), Walter Reeson 80 High Street, Erith, Kent.

GLOUCESTER.—Wanted, early in May, a competent lady Assistant for Dispensing and Retail; one having experience of a Chemist's business preferred; easy hours; three kept. Full particulars as to height, experience, salary required (indoors), to W. H. Hampton, 86 Northgate Street, Gloucester.

GLOUCESTER.—Assistant wanted at once for good-class Light Retail and Dispensing business; lady or gentleman; outdoors; easy hours. Apply, W. Minchin, Pharmaceutical Chemist, 15 Westgate Street, Gloucester.

HAMPSHIRE.—Unqualified Assistant or Locum wanted at once for summer months or less in first-class Business near Hampshire military camp; very fine neighbourhood in summer months; good-class experience and references essential; outdoors; kindly say salary (weekly). Apply, 212/35, Office of this Paper.

HEREFORD.—Wanted, for good-class Business, a lady Assistant; short hours; no extra duty; comfortable berth with good experience; outdoors; give full particulars, Walter Marchant, 36 High Town, Hereford.

HULL.—Wanted, a qualified Assistant (lady or gentleman) for Light N.H.I. Dispensing and part assistance at Retail Counter; state salary and when disengaged. Apply, 190/29, Office of this Paper.

LANCASTER.—Wanted, a qualified lady Assistant for Dispensing and Light Counter work; outdoors. Apply, Vince & Co., Cheapside, Lancaster.

LEEDS.—Lady Qualified Assistant wanted for high-class Dispensing and Retail Department; must have had good experience. Apply, with full particulars, to Chas. F. Thackray, Great George Street, Leeds.

LEOMINSTER.—Wanted at once, energetic, all-round Assistant; outdoors; lady or gentleman. Apply, with full particulars, Ellwood & Son, Chemists, Leominster.

LETCHWORTH, HERTS.—Wanted, for two or three weeks, in lovely country, a competent lady for Counter and Dispensing, or good Junior gentleman; indoors; hours light. Apply, W. Hooper, Pharmacist, Letchworth.

LONDON.—Qualified Assistant; ineligible for Army; good salary to suitable man; whole day holiday a week; occasional Sunday duty. Apply, personally, or write, stating full particulars and salary, to Wm. Fox & Sons, Ltd., 109/13, Bethnal Green Road, E. 2.

LONDON (CITY).—Smart Junior Assistant wanted; must be good Counterman; hours 8.30 to 7 p.m., Saturday 1.30; no Sunday or Bank Holiday duty. Apply, with full particulars, date at liberty, salary, etc., to Cassie & Co., 49 Newgate Street, E.C.

LONDON, N.E.—Qualified Manager (under principal) in brisk Business with three branches; over military age or ineligible for Army; hours from 9 a.m. till 9 p.m., Thursdays 1 p.m. (two kept); salary £3 10s. to commence. Full particulars, stating age, experience, etc., to "Chemist," 88 Columbia Road, N.E.

LONDON, N.E.—Qualified Manager for Branch; salary £3 10s. to commence; hours 9 a.m. till 9 p.m.; whole day holiday a week; alternate Sunday from 6.30 till 9 p.m. (two kept); over military age or ineligible for Army. Apply, with full particulars, stating age, experience, etc., to "Pharmacist" (213/32), Office of this Paper.

LONDON, N.W.—Assistant wanted, lady or gentleman, outdoors, for good-class Business; please state salary required and other usual particulars. Davies, Pharmacist, 567 Finchley Road, London, N.W.

LONDON, N.W.—Free furnished apartments in healthy suburb, with small salary, offered to elderly couple in return for light duty in Pharmacy; suit retired Chemist seeking light occupation. Apply, 214/2, Office of this Paper.

LONDON, S.W.—Wanted, an Assistant; ineligible for military service. Apply, with full particulars, to Amore & Co., 173 Sloane Street, S.W.

LONDON, W.—Assistant (outdoors); ineligible; accustomed to good-class Dispensing business; or lady able to Dispense, with knowledge of the business; moderate hours; salary to commence £2 per week to suitable applicant. Send full particulars of experience, and reference, with application, or call, J. W. Feltwell, 91 Hammersmith Road, West Kensington.

LONDON, W.—Assistant required; outdoors; discharged from Army or ineligible; one used to first-class Dispensing and Retail; duties shared by three. Give all particulars, age, height, salary, with photo, to "Aspirin," c/o Messrs. Maw & Sons, 11 Aldersgate Street, E.C. 1.

MANCHESTER.—Assistant, male (ineligible) or female, qualified, for Dispensing and Counter; state age, salary, and full particulars of experience. Westmacott & Son, 17 Market Street.

MANCHESTER.—Young lady required for Chemist's Business; must have some experience with a Chemist; permanency. "Manchester" (213/6), Office of this Paper.

MANCHESTER DISTRICT.—Qualified Branch Manager for high-class Retail and Dispensing business; outdoors; military ineligible. Applicants kindly state age, height, references, salary required, and enclose photo if convenient (to be returned), to T. Woodruff, Ph.C., High Street, Cheadle, Cheshire.

OXFORD.—Wanted, an unqualified Assistant for Dispensing and Photographic Business; should be ineligible for Army. Full particulars, Drnce & Co., 118 High Street.

PADDINGTON BOARD OF GUARDIANS.

ASSISTANT DISPENSER.

APPLICATIONS are immediately invited from qualified women Pharmacists for the appointment of Assistant Dispenser at the Paddington Infirmary and Outdoor Dispensary. Salary £120 per annum. Hours, 9.30 a.m. to 6 p.m., Saturdays 2 p.m., and about two hours' duty alternate Sundays.

For form of application send stamped addressed envelope to the undersigned.

By Order,

S. J. LANGFORD,

Acting Clerk to the Guardians.

Guardians' Offices,

313/319 Harrow Road, W. 9.

26th April, 1917.

SOUTH of England.—Assistant required; free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SWINDON.—Assistant (ineligible) required for good-class Mixed Retail Dispensing and Photographic business. Full particulars to Green & Co., Chemists, Swindon.

WEST OF ENGLAND.—Wanted, immediately, for Dispensing Business, competent man to assist Manager for two or three months; possible permanency; salary £4 per week to good man, who must be quick and accurate. 212/31, Office of this Paper.

WHITLEY BAY.—Qualified Manager, ineligible (or lady Chemist) wanted for good-class Dispensing and Light Retail business. Apply, with particulars, to "Chemist," The Hall, Starbeck, Harrogate.

WOLVERHAMPTON.—Locum required for General Retail for Whit-week and following week; hours 8.30 a.m. to 8 o'clock, Saturdays 9 o'clock, no Sunday duty. State age and salary required and references, Reade, Bros. & Co., Ltd., Wolverhampton.

YORKSHIRE (West Riding).—Manager (qualified) required for progressive Cash business; must be a rejected man or above military age; liberal interest in the profits offered to a really capable man. "Urban" (212/151), Office of this Paper.

BRANCH Manager wanted at once; must be over military age or ineligible; please apply, in the first instance, by letter, stating salary required, when disengaged, and enclosing, if possible, recent photograph. Apply, 213/29, Office of this Paper.

BRANCH Manager or Assistant; 26 years' experience. "Statim," 278 Haydon's Road, Wimbledou, S.W. 19.

DISPENSER, part or while time; also Assistant for Counter; 6 to 9; no Sunday duty. Jones, Pharmacist, 4 Thayer Street, Manchester Square, W.

DISPENSER.—Lady, with good experience; hours 9 to 7, Saturdays 8.30; state age, height, experience, salary, and enclose photo if possible. G. T. W. Newsholme, Ltd., Dispensing Chemists, 27 High Street, Sheffield.

DISPENSER wanted; lady or ineligible; must be quick and accurate; hours 8.30 to 8; two hours off daily and half-day weekly. Apply, A. C. Duke, 138 High Road, Willesden Green, N.W.

DISPENSING Assistant (lady or gentleman), for N.H.I., Light Retail, etc., in healthy Midlands country town; outdoors; hours easy; no Sunday duty; comfortable berth. State salary required and full particulars to Blades, Chemist, Leek, Staffs.

JUNIOR or Improver (ineligible); Light Retail and Dispensing; outdoors. Address, stating age, experience, and salary required, Kershaw & Son, Chemists, Alderley Edge, Manchester.

LADY Dispenser and Assistant Secretary wanted at the Kensington Dispensary and Children's Hospital, 49 Church Street, W. 8; hours 10 a.m. to 5.30 p.m.; lunch and tea provided. Apply, at once, with copies of testimonials and salary required, to Hon. Secretary.

LADY Assistant, unqualified, wanted for Light Retail and Dispensing business; outdoors; pleasant suburban neighbourhood; modern Pharmacy; easy hours. Apply, with full particulars and salary required, to W. Riddle, Chemist, Bitterne Park, Southampton.

MANAGER required (at once) (ineligible) to take full charge; knowledge of agricultural business essential. Apply, with full particulars, experience, age, references, and salary required, to Allen & Neale, King's Lynn.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

PART-TIME Student or qualified Assistant with some evenings to spare; Dispensing and duties. Please apply at once to Frank A. Rogers, 327 Oxford Street, W. 1.

QUALIFIED Manager (single), age about 45, required for Relief work; permanent and lucrative post. "Relief" (212/152), Office of this Paper.

UNQUALIFIED Senior Assistant, ineligible, for firm in the Midlands doing a good Light Retail and Photographic trade employing several assistants. State full particulars to "Midland" (213/14), Office of this Paper.

VACANCY for Assistant; country Wholesale and Retail business. Apply, 210/39, Office of this Paper.

WANTED, Qualified, for Branch Shop at Stainland, near Halifax; ineligible or medically unfit; married man over 31 considered; easy hours; no Sunday duty. Apply, S. T. Shaw, Chemist, Golcar, near Huddersfield.

WANTED, non-eligible Assistant; Country, Agricultural; permanency; full particulars, salary; half-holiday; no Sunday duty. Apply, 202/24, Office of this Paper.

WANTED, Chemist, to manage Light Business on Tyneside; owner called up; liberal terms; suit over-age man or one medically unfit. Apply Fleming, Chemist, Hebburn.

WANTED, Assistant for good-class Dispensing, etc. Apply, personally if possible, Lyon, 18 Formosa Street, W.

WANTED, unqualified Assistant, outdoors, for Light Retail and N.H.I. Dispensing; exempt from military services. State full particulars to D. Davies & Co., 344 Caledonian Road, N. 1.

WANTED, as Counter Assistants, young ladies with some knowledge of Patent Medicines, Soaps, Perfumeries, etc. Apply, E. C. Evans, Chemist, Whiteley's, Queen's Road, W. 2.

YOUNG Lady Dispenser required; one with Counter experience preferred; must have the Apothecaries' Hall qualification. If convenient, apply personally any morning (except Saturday), Parke's Drug Stores, Ltd., 65 Harwood Street, N.W.

WHOLESALE.

ASSISTANT required at once for Wholesale Manufacturing Druggists' Laboratory; ineligible for Army. Apply, giving full particulars, Davies, Sons & Co., Manufacturing Chemists, Derby.

ASSISTANTS wanted at once for the Wet Room and Dry Room. Apply, Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C.

COST Clerk (female) required by Wholesale Chemists in London; lady with Apothecaries' Hall certificate and one used to N.H.I., Pricing, and Checking preferred. Replies, giving full particulars and stating salary expected, to 16/19, Office of this Paper.

DRUGGISTS' Sundriesman, Manchester, requires Traveller, capable of generally assisting in the business, owing to proprietor being called up for military duty; partnership can be arranged if capital can be invested. Apply, 213/1, Office of this Paper.

QUALIFIED Chemist wanted to take charge Poisons by private Limited Company manufacturing well-known Dental Anesthetics and other Dental Specialities; few hours weekly or whole time entertained; preference to smart business gentleman able to introduce new preparations; investment not needed, but would entertain offer if mutually suited. Full particulars, first letter, to Zirol Co., 1 Bayley Lane, Coventry.

MAJOR Man, for Analytical work, required by a firm of Wholesale Chemists in the provinces; permanency with good prospects if suitable; please mention salary desired, age, experience, and usual particulars. 205/30, Office of this Paper.

SHIPPING and Dispatch Clerk required for Export Department in firm of Wholesale Chemists and Druggists; experience of the Drug trade preferred, but not absolutely essential; must be well experienced in all details of Shipping and Dispatch. Reply, "Export" (16/9), Office of this Paper.

TINCTURE-MAKER wanted by a Wholesale firm; must be acquainted with Press; permanency; state experience and wages. Apply, 214/39, Office of this Paper.

TRAVELLERS wanted for Town and Country, with first-class connections Retail Chemists and Drug Stores, to carry good Side Line on commission basis; good seller, showing big profit to retailer. Reply, stating ground covered, to 213/25, Office of this Paper.

WANTED, lady Chemist for provincial House to control the manufacture of Toilet Goods of every description; one who has held similar post preferred; good salary and prospects. Apply, 10/30, Office of this Paper.

WANTED, for duration of war, Representative to take over old-established connection; must have thorough knowledge of the Surgical and Sundry trade; ineligible for service. Apply, with full particulars, 10/300, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

MONTREAL, CANADA.—Lady Dispenser wanted, with Minor or Apothecaries' Hall certificate; salary \$40 per month, increasing \$5 per month every year, with room, board, and washing provided. Apply, The Chemist, General Hospital, Montreal.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

A DOCTOR'S son, 33 (ineligible), experienced, highest credentials, desires post (London), with view to Purchase or Partnership. Apply, 213/26, Office of this Paper.

AS' Locum; permanency; references; reasonable terms; disengaged. "Chemist," 14 Sutherland Place, Bayswater.

AS Manager; middle-aged Pharmacist; now disengaged; extensive British and Foreign experience; open to immediate engagement. "Veronal," 7 Avenue Road, Wallington, Surrey.

ASSISTANT or Locum; experienced; shortly disengaged; well up in Dispensing, etc. "Medico," 4 Ings Avenue, Barnsley, W. 2.

DISPENSER or Counter; 43; disengaged; two evenings a week and Saturday afternoons. "Surrey" (212/20), Office of this Paper.

DISPENSER (Hall), capable lady, excellent testimonials, seeks post; please state hours and salary. 214/8, Office of this Paper.

DISPENSER or Locum; London district; qualified; Minor experienced; ineligible. "Ferrum," 58 Central Drive, Blackpool.

DISPENSER (or other Light work); elderly, active, qualified; S.W. County preferred. Apply, 213/22, Office of this Paper.

LADY Dispenser and Bookkeeper desires post; disengaged; good references. Apply, 210/28, Office of this Paper.

LADY (qualified) wishes charge of small Dispensary near London; varied experience and good references; free May 18th. Miss Redfern, Surgery, Nailsworth, Glos.

LADY Dispenser (Hall) requires post; Yorkshire preferred. Bacon, "Heathfield," Buckingham Road, Doncaster.

LADY Dispenser (Hall), several years with Hospital and six months with Chemist, desires post in West End; disengaged; salary 2 guineas weekly. "Perth," c/o E. F. Strickland, 28 The Broadway, Ealing, W.

LADY Dispenser seeks post with Chemist or Doctor; 12 months' experience; London or near preferred. Vause, 369 Clapham Road, S.W. 9.

LADY seeks engagement Wholesale or Retail, any capacity; no previous experience; particulars of work and salary. Apply, 213/31, Office of this Paper.

LADY Dispenser (Hall), good experience, desires post with Doctor or Chemist. Apply, Lewis, 6 Achilles Road, West Hampstead, N.W. 6.

LADY Dispenser (Hall qualification) requires post immediately. Apply, "Dispenser," 7 Westbourne Park Road, Bayswater, W.

LOCUM, or Country, permanency; 51; abstainer; disengaged; terms moderate. J. S., 158 Linthorpe Road, Middlesbrough.

LOCUM, Manager, or otherwise; qualified; over military age; active; reliable; varied experience; well recommended; abstainer; disengaged; please state salary and particulars. "Integrity" (213/12), Office of this Paper.

LOCUM; disengaged; qualified. Please state salary offered, "Chemist," 42 Peteril Street, Carlisle.

LOCUM; qualified; excellent references; over 30 years' first-class London and provincial experience; disengaged from May 3rd. Parker, 50 Bloomsbury Street, W.C.

MANAGER, 43, married, abstainer, desires change; highest references from present employer; kindly state salary offered. "Pharmacist" (211/36), Office of this Paper.

MANAGER, qualified, thoroughly experienced, 45, energetic, reliable, exceptional references, seeks permanency; view to succession; state salary, prospects; disengaged one month. "A. B. C." (212/34), Office of this Paper.

MANAGER; London; 46; superior; salary £4 10s. "Pharmacist," 24 Upham Park Road, W. 4.

MANAGER; 48; married; experienced; energetic, reliable; work up Branch or easy succession entertained; disengaged; unregistered. Address "Immediate," 1 Alexandra Mansions, Clapham.

PHARMACIST requires good position; ineligible; 10 years' experience; South Wales preferred. Apply, 13/64, Office of this Paper.

QUALIFIED Chemist, disengaged shortly, seeks position (Portsmouth district preferred) where he could have evenings free. 207/31, Office of this Paper.

QUALIFIED; 27; married; B 2 (not labour); good references. 46 Newtown Street, Colne, Lancs.

QUALIFIED, middle-aged, desires change; all replies in confidence; medium-class business preferred. 214/34, Office of this Paper.

QUALIFIED; disengaged May 5th; Locum or Senior; ineligible; middle-aged; experienced. "Pharmacist," 32 Northway Road, Denmark Hill, Camberwell, S.E.

UNQUALIFIED, 23, C 3, Dispensing, Counter, and Photography, 8 years' experience, desires change; state salary and hours; provincial preferred. Apply, 213/11, Office of this Paper.

YOUNG Lady seeks position as Chemist's Assistant in Folkestone; 2 years' experience. 213/30, Office of this Paper.

WHOLESALE.

A THOROUGH EXPERIENCE of the Drug trade (including medical, Electricity, Photography, etc.) is offered by advertiser to Wholesale Druggist, Manufacturing Chemist, Druggists' Sundriesman, or Surgical Instrument House in need of Assistant or Manager; aged 43; good presence; accustomed to interviewing Medical men, heads of Hospital staff, etc.; best references. Apply, 215/4, Office of this Paper.

EXPERIENCED Traveller, nine years leading London House, desires change; Sundries, Perfumery, Soap speciality; first-class firm. Apply, 209/35, Office of this Paper.

GENTLEMAN, aged 49, good experience in Drug trade and Photographic, wishes to obtain a responsible post in Wholesale House; highest references. Apply, "A.," 5 Ashburn Place, Ilkley.

QUALIFIED Pharmaceutical Chemist; 48; experienced in Toilet Preparations, in the making of Galenicals, and first-class Dispenser, with West-End experience; salary £4 weekly. Apply, 209/36, Office of this Paper.

QUALIFIED Representative, exempt, desires represent first-class house; excellent references. Apply, 211/35, Office of this Paper.

REPRESENTATIVE (over military age) seeks new appointment; extensive connection Chemists, Wholesalers, Retail, London, South Coast, Home Counties; Sundries, Proprietary articles, Toilet Soaps, Perfumes preferred; only first-class houses entertained. Apply "F. M.," 24 St. Stephen's Square, London, W. 2.

REPRESENTATIVE; Drugs, Proprietaries, Sundries; twelve years' travelling experience, London and suburbs, amongst Wholesale and Retail Chemists; also would entertain management for good firm placing Proprietaries on market, where thorough knowledge of Drugs and London connection would be appreciated; over military age; good Houses only. Apply, 214/37, Office of this Paper.

REPRESENTATIVE, good connection London Chemists, Southern Counties, Ireland, and Wales, is open for engagement; would accept Sole Agency for established House. Apply, 212/16, Office of this Paper.

WANTED, in Wholesale Drug Warehouse; capable of taking charge of Patents, Town, or Dispatch Departments; many years' experience; ineligible for military duties. Apply, 212/21, Office of this Paper.

YOUNG Chemist (Russian subject), University trained, two years' experience with large Chemical firms, requires suitable position. Apply, 210/40, Office of this Paper.

MISCELLANEOUS.

MCADAM & TUCKNISS, Sharedealers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone, 81 Lee Green. Shares for Sale (free of commission, subject).—200 Fuller's Earth, 28s. 6d.; 100 Mellins' Pref., 15s. 1½d.; 200 Iford Ord., 13s. 6d.; 50 6% Pref., 15s. 10½d.; 250 Lewis & Burrows 6% Pref., 13s. 4½d.; 100 Molassine 7% Pref., 13s. 7½d.; 50 Park's Drug Ord., 9s. 4½d.; 100 Tower Tea Ord., 4s. 4½d.; 140 Watford Man'g Pref., 10s. 7½d.; 250 R. White Pref., 2s. 7½d.; 50 W. J. Bush Pref., 74s.

Wanted (subject).—Allenbury Pref.; Wright, Layman & Umney Pref.; £1,000 Idris Debs., 56%.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

SHOWCASES.—Large quantity of All-Glass Counters (second-hand), Silent Salesman, and upright Cases with glass shelves; most useful and paying adjuncts to any Pharmacy; make splendid show; moderate prices; all other Pharmacy Fittings ready for immediate use. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C. 1.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.O.

1,200 LB. high-grade Anhydrous Lanoline, 1s. 5d. per lb., net cash ex rails; sample forwarded at request; packed in 3-cwt. barrels. Apply, 207/25, Office of this Paper.

FOR SALE.—500 lb. Peppermint Crystals, "Hime Brand"; best offers wanted. Apply to 15/59, Office of this Paper.

WAR WANTS EXCHANGE.

For the interchange of scarce pharmaceutical products. Minimum charge (prepaid) which includes registration fee: 1/- for six words or less; 2d. per word beyond.

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE.

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Aristol (15/13)	Naftalan (15/13)
Cycloform powder (15/13)	Ovaraden tablets and powder (209/38)
Euresol pro capillis (15/13)	Soziodol sodium (15/13)
Engallol (15/13)	Soziodol zinc (15/13)
Hygiamia (15/13)	Valyl pearls (15/13)
Iodoglidine tablets (15/13)	

FOR DISPOSAL.

Sons-a-fide buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Atropine sulph., ¼ oz. (209/31)	Guaiaecol carb., 8 oz. (209/31)
	Morph. sulph., ½ oz. (209/31)

Developing. Printing. Enlarging

Developing Spools, 6 Ex., 6d.; 12 Ex., 1/-; V.P.K., 6d.
Prints and Postcards up to and including 5x4, 1d. ea.
ENLARGEMENTS. LIST FREE.
Prompt dispatch. Trade discount, 25 per cent.
Postage extra.

MARTIN, Chemist, SOUTHAMPTON.

Out-of-date Cameras bought.

Chemists often take in exchange an old Camera as part payment for a new one, or have same left on their shelves. We buy these on Cash Terms. Try us.

WATSONS, 84 High St., SHEFFIELD.

STEROFIL GUTTA, PORGÈS.

THE BEST POSSIBLE SUBSTITUTE FOR GUTTA PERCHA TISSUE, and incomparably superior to it in many ways.

From all Wholesale and Sundries Houses.

PORGÈS, 12 Boulevard de Magenta, PARIS

8/6 3 Years 4 Columns	Jay Mack's Ledger with 10 minutes' weekly work gives yearly Sales; Purchases; Exes.; Short Cuts Stocktaking, and Balance Sheet.	10/6 4 Years 5 Columns
On appro. on receipt of cheque.	6d. Booking Fee if returned.	
Mack-Ivor, Hightown P.O., Crewe.	Ayrtons. Evans. Bleasdales. Raines (Edin.)	AUSTRALIA— "C. & D." A. Elliotts. FOREIGN— Evans (London).

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
3 and 4 ounce. 6 and 8 ounce.

12 ounce.
WHITE PHIALS, plain or teaspoons.
1 ounce. 1 1/2 ounce.
1 " 2 "

Lowest
Market
Prices
Charged.

BLUE LOTION BOTTLES, all sizes.

CORKS. Superior quality. No advance in price.
6 and 8 ounce ... 1s. per gross, in 6 gross bags.
Vials ... 10d. per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

I. ISAACS & CO., Glass Bottle Manufacturers,

106 Midland Road, St. Pancras, London, N.W.1,
or ISLINGTON BOTTLE COMPANY.

7 New Inn Yard, Tottenham Court Road, London, W.1.
Orders sent to either establishment have attention.

Established 100 years.

Bankers: London County and Westminster Bank, Bloomsbury Branch.

LEVERS' SPECIAL CASH LINES.

SACCHARIN 330 TABLETS, 1/2 grain in 1.

1 lb. ... 97/6. Cash with order.
Larger quantities, 95/- " " "

CARBOLIC TOOTH POWDERS.

3d. size. 18/- per gross. Cash with order.

SERIES OF 1d. and 2d. OINTMENTS

(See last week's advt.)

2 gross assorted 1d. } 21/- Cash with order.
3 doz. " 2d. }

All goods carriage paid.

LEVERS, Elver Works, Moreton St., Manchester.

Pharmaceutical Council Election, 1917

TO THE MEMBERS OF THE PHARMACEUTICAL SOCIETY:—

DEAR SIR,

The County of Surrey Association of Pharmacists has nominated me as a candidate for the forthcoming Pharmaceutical Council Election, and I have consented to allow my nomination to go forward, and appeal for your support.

Owing to paper restrictions it is impossible to send an address to every Member of the Pharmaceutical Society.

I am an actual working Pharmacist, and have a personal knowledge of the whole of the business, especially in regard to trading conditions of Insurance dispensing.

The better organization of the profession is one of the principal points in pharmaceutical work. At present there are many Pharmacists who seem to be outside any Association. I should suggest that every Pharmacist should be in some way or other linked up to an Association, that the Local District Associations should be represented on the Pharmaceutical Committees and County Associations, and these, as they are at present, electing members to the Council and Local Associations Executive. Practically this scheme covers the federation of local areas, which I am strongly in favour of.

It has been suggested that the Council of the Society should interfere with trade matters. This I cannot hold with. The Society should look after the professional status of Pharmacists. Trade matters should be conducted by, say, the Local Associations Executive or some other body on which the Pharmaceutical Society should have a certain amount of representation.

I am in favour of increasing the remuneration of National Insurance Dispensing by increasing the Dispensing fees, as I believe this is where our professional skill should be recognised and adequately paid for.

The educational policy of the Society will have to be re-arranged, as one can see difficulties which will arise on the termination of the War.

I have acted as Hon. Secretary of the County of Surrey Pharmacists' Association since it was first formed, and am the Secretary of the Surrey County Pharmaceutical Committee. The duties in connection with these two offices have brought me into close acquaintance with all those difficulties under which Pharmacists carry on their calling under present-day conditions.

I trust you will therefore give me your support. I can assure you that if elected I will do my best to further the interests of Pharmacists in every way.

Yours faithfully,

W. H. FOWLER.

STATION ROAD, REDHILL.

April 23, 1917.

ASPIRIN

P.B., guaranteed, in 5-grain tablets; bulk price, cash with order, post free.

1,000 @ 15/- | 5,000 @ 14/6 | 10,000 @ 14/-

R. GIBBINS & CO., 1 BIRKBECK RD., KINGSLAND, LONDON, N.E.
(R. GIBBINS)**EXCHANGE COLUMN**

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6d.

FOR DISPOSAL.**DENTAL.**

FOR sale, 12 dental showpieces, celluloid and vulcanite. R. Lamb, 123 West End Lane, London.

DENTAL Forceps; 7 or 8 pairs; useful; in good condition; what offers? M. M., 13 Queen's Road, Broadstairs.

DRUGS AND CHEMICALS.

PHENACETIN Tabs. (box), 24 x 25's, 6 x 100, 300 loose; Phenacetin Co. (B.W.), 100; Guaiacol Carb., 5 gr., 200; 100 ditto (B.W.); best offers. Cole, Thornton Heath.
PALM-OLIVE Soap, 3 doz., 12s.; 5 doz. 10s. 6d. "Shiftit," offers; 1 doz. 2s. 9d. Godfrey's Ext. Elder, 3s.; 1 doz. Kay's Linum Pills, 1s. 6d.; 8 Demuths Castor-oil Powder, offers; 1,000 tubes Chantaud's Granules (Burggrave), assorted; 2s. 9d. Henry's Magnesia, 1s. 6d.; 2s. 9d. Durant's Injection, 1s. 6d.; 1 x 2s. 9d., 2 x 1s., Blackburn's Cough Elixir, 2s. 6d.; 1 x 3s. Kepler and Cascare, 1s. 9d.; 1 x 2s. 3d. Rowland's Kalydor, 1s.; 5 x 1s. Bishop's Caff. Cit. Effrves., 2s. 9d. Shaw, 93 Dewsbury Road, Leeds.

OPTICAL AND PHOTOGRAPHIC.

72 Microscopic Slides, 2s. dozen, 10s. lot; approval exchange. Lintin, 86 Freedom Road, Sheffield.

SHARES.

TWO Udal shares for sale, £9. "Pharmacist," 1 Caithness Road, W. 14.

MISCELLANEOUS.

2 CWT. White Lead in 1-cwt. drums; offers. Apply, 213/40, Office of this Paper.
PERSONAL Weighing Machine, 27s. 6d., carriage paid. 61 Peckham Park Road, S.E.
16 doz. Thermometers (Forbes' specification), in square wood cases; 11s. doz., or offers of exchange. R. W. Brooke, Beaconsfield.
FOUR pairs large rubber Gloves and Gauntlets combined; thick, black, seamless; good condition; unused; for Surgeon or Chemical use; 30s. Apply, 210/30, Office of this Paper.

WANTED.

BLOCK liquorees wanted; not in sticks. Apply, 9/46, Office of this Paper.
WANTED, Visible Typewriter. Give full particulars, Walton, Chemist, Batley Carr.
OINTMENT and tooth-powder Tin Boxes wanted; any quantity. 200/36, Office of this Paper.
ORSAT Gas Apparatus, 4-bulb pattern, wanted. Mottershead & Co., 7 Exchange Street, Manchester.
ANALYTICAL apparatus required; balance, glassware, etc. Particulars, 14/26, Office of this Paper.
WANTED, two 20-ft. Oxygen Cylinders with hemp covers, in good condition. W. Finlayson, Pharmacist, Stockton-on-Tees.
WANTED, a few complete copies of "The Chemist and Druggist" for February 26, 1916. Post to "S. B." (15/15), Office of this Paper.
TABLET machine (rotary), large size, wanted for power. State particulars and price to "J. M.," 84 New North Road, London, N. 1.
ROBERTS' (or other make) Ointment Filling Machine, must be in good condition, wanted for cash. Levers, Elver Works, Moreton Street, Manchester.
OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gover, Bookseller, 41 Voltaire Road, Clapham, S.W.
WANTED, surplus stocks chemicals, drugs (original packages only), packed goods, sundries, etc. Delmas Co., 31 Lower High Street, Stourbridge.
GARDENER'S Mixer; hand driven; state size, full particulars, lowest price. Geo. Walker & Son, Ltd., 245/255 Reid Street, Bridgeton, Glasgow.

Colonial and Foreign News.

SANDALWOOD OIL is being heavily adulterated in Germany. Benzyl alcohol, glycerin acetate, and terpineol are the adulterants, so it is fair to conclude that the oil is German.

BEECH-NUT OIL.—The statistics of the district of Bidingen in Upper Hesse show that 195 ctr. of beech-nuts were collected in fifty-three parishes, from which 19 hectolitres of oil was obtained.

THE INDUSTRIAL MANUFACTURE OF CARBOLIC ACID in Spain was the subject of a communication by the President, Senor J. B. Morató y Font, read at the inaugural session held at the Barcelona Pharmacy College.

MR. CHARLES HOLZHAUER, Newark, N.J., has been chosen as the next President of the American Pharmaceutical Association. He graduated from the New York College of Pharmacy, and is in business at Newark.

PRIZES FOR LINSEED-OIL SUBSTITUTE.—The War Committee of Germany for oils and fats announces prizes (first, 30,000m.; second, 20,000m.) for the production of a practicable linseed-oil substitute from home-grown raw materials.

PHARMACEUTICAL EDUCATION IN POLAND.—Dr. Hermann Thoms, of Berlin, has advised the German Governor in Poland in regard to the study of pharmacy there, and he has submitted a scheme of reform which includes six semesters of university study, and it is proposed to found a special pharmaceutical institute in Warsaw.

SALE OF NARCOTICS.—In order to prevent the improper sale of narcotics, which has greatly increased during the war, an Order of the Bundesrat (March 22) makes it an offence punishable by imprisonment or fine to sell opium, morphine, and other narcotics (except in the wholesale trade) elsewhere than in chemists' shops, and then only as curative medicaments.

SALVARSAN IN U.S.A.—There is a shortage of salvarsan in America, and the "Journal of the American Medical Association" urges Congress to provide a remedy for the difficulties caused by the present patent laws. It has since been announced that the American branch of Meister, Lucius & Brüning, the owners of the patents, is arranging to manufacture salvarsan in the United States.

OILS AND FATS.—Writing in regard to fixed oils and fats, the "Chemiker-Zeitung" states that the Christmas festivities have clearly shown that Germany has sufficient quantities to continue the war until a victorious peace is declared. Several weeks before Christmas candles were offered in large quantities, and even after the festivities stocks were not cleared, although large quantities had been bought.

LIMITING UNIVERSITIES.—Proposals are made to limit the number of universities in Germany until the end of the war. Heretofore the total number of students in the German universities has been about 16,000, among whom 5,000 were women. In consequence of the new laws for "Vaterländische Hilfsdienst," this number will, it is supposed, decrease very much, making it unnecessary to have twenty-two universities with more than 2,000 professors. It is proposed to concentrate all German universities into two large ones—for instance, in Berlin and Munich—and to keep only the medical faculties of the other universities open.

MEDICAL SUPPLIES FOR AMERICA.—Considerable quantities of chemicals, drugs, and medicinal preparations are asked for by the United States Army and Navy, and the medical supply depôts are soliciting tenders for upwards of 194 various preparations, including 30,000 bottles of mercurial preparations, 5,000 tubes of atropine, 3,500 bottles of strychnine, 12,000 tubes and 2,500 1/2-oz. bottles morphine sulphate, 10,000 oz. quinine, 7,500 1/2-lb. bottles copaiba, 36,000 lb. boric acid, 5,000 1/2-lb. bottles potassium iodide, 1,000 1/2-lb. bottles guaiacol carb., 20,000 lb. potash permanganate, etc. The list in full is printed in the "New York Commercial" of April 13, which states that preference will be given to articles of domestic manufacture.

NATURAL INDIGO is showing signs of eventually recovering the popularity it once possessed, as the area under crop in the Punjab last autumn was 168 per cent. in excess of the figure of the previous year.

PROPRIETARY PRICES.—The P.A.T.A. annual report says: "There is a tendency on the part of manufacturers to offer an insufficient margin of profit. This applies especially to new articles placed on the protected list. Working expenses have increased so much that the rate of profit regarded as a satisfactory minimum in times past is no longer adequate."

To Announce

A WIDE PUBLICITY

CAMPAIGN



It is our intention to advertise "Brynogen" extensively and regularly in the leading London and Provincial Newspapers and Periodicals circulating throughout the United Kingdom.

THE DEMAND for "Brynogen" will undoubtedly increase in response to the attractive press advertising which is now being carried out.

PHARMACISTS are kindly invited to co-operate with us by ordering a reasonable supply of "Brynogen" so that they may be in a position to effect sales without delay.

THE PROFIT on return is 25%, and this is increased to 27½% when "Brynogen" forms part of a £5 carriage paid order for the "Allenburys" Specialities.

PRICES.—In bottles at 1/9, 3/-, 5/- and 9/- each, minimum retail; 17/-, 29/-, 48/6 and 87/- per dozen gross wholesale, subject to our usual terms.

Trade **Brynogen** Mark
BRINGS HEALTH

ALLEN & HANBURYS LTD., LOMBARD ST., LONDON, E.C.

WE CAN SUPPLY

Glycerophosphates Saccharine

Acetanilide	Menthol, Crystals
Acetphenetidin, U.S.P.	Methyl Salicylate, U.S.P.
Acid Benzoic from Toluene, U.S.P.	Milk Sugar, Powder, U.S.P.
Acid Citric, U.S.P.	Beta-Naphthalene Benzoate
Acid Oxalic, Crystals	Potassium Permanganate, Large Crystals, U.S.P.
Acid Salicylic, U.S.P.	Potassium Bromide, Gran., U.S.P.
Acid Tartaric, Gran. and Powder, U.S.P.	Potassium Cyanide
Adeps Lanae Anhydrous, U.S.P.	Potassium Guaiacol, Sulphate
Adeps Lanae Hydrous, U.S.P.	Potassium Iodide, Gran. or Cryst.
Benzaldehyde, F.F.C.	Quinine Sulphate, U.S.P.
Caffeine, U.S.P.	Resorcin, U.S.P.
Chrysarobin, U.S.P.	Saccharin, Refined
Creosote, Beechwood, U.S.P.	Saccharin, Soluble
Creosote Carbonate	Salicin, U.S.P.
Cumarin	Salol, U.S.P.
Guaiacol, U.S.P.	Sodium Benzoate, Gran., U.S.P.
Guaiacol Carbonate, U.S.P.	Sparteine Sulphate, U.S.P.
Hydroquinone	

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GIGNOUX FRÈRES & CO.

Manufacturers of Pharmaceutical Preparations.

Works at DECINES, near LYONS (France)
OFFER

EXTRACT OF MALE FERN

Ethereal

guaranteed pure 24/25 % Filicine.

Solid Extracts of KOLA, COCA, CINCHONA, GENTIAN,
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HYDROGEN PEROXIDE, chemically pure.

ETHER, 0.720—ANÆSTHETIC ETHER—ABSOLUTE
ALCOHOL.

COLLODIONS of all kinds.

SPECIALITIES:

GELLOPLASTRE: an adhesive surgical and industrial
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GELLO. Pure Alcoholic products in jelly form put
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METALLINE: a liquid metallic solution for capsuling
bottles and vials.

London Agent: R. Ansay, 44 Wilson St., Finsbury, E.C.

Telephone: London Wall 3103.

WE SOLICIT OFFERS

for all kinds of Medicinal Plants and Herbs.

Sell a cake of Resinol Soap with every jar of Resinol.

If you try it, you will find it *just as easy* to make a sale of 3s. 7½d. for the two as to get 2s. 6d. for the Ointment alone. In the treatment of Eczema, Pimples, and other skin troubles, the affected parts should be bathed with Resinol Soap and hot water before Resinol Ointment is applied. Resinol Soap is absolutely pure and non-irritating, and contains the same soothing, healing properties as Resinol Ointment. Tell your customers this and they will buy the soap too. Resinol Soap is also an ideal toilet soap, as the Resinol Balsams keep the skin clear and the hair healthy.

SEND FOR A MINIATURE RESINOL SHAVING STICK.

It's free. We want you to learn how this rich, creamy lather soothes and heals the face. When you have tried it you will WANT to recommend it to every man who comes into your shop.

Resinol Chemical Company,

97 New Oxford Street, London, W.C.,
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Australasian Agents: CHARLES MARKELL & CO., Sydney, N.S.W.

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From
The Research Laboratory
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The Royal College of Physicians,
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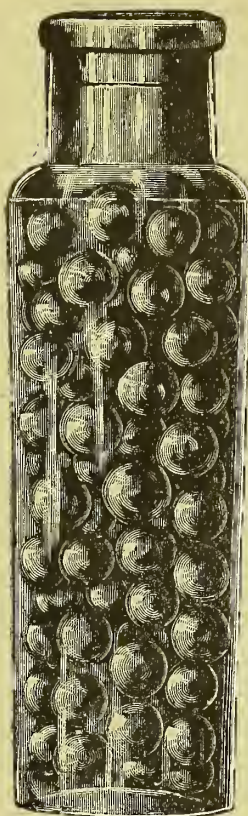
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For
Stockbreeders,
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Tuberculins

To be had from

DUNCAN, FLOCKHART & Co.,
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**WHOLESALE AND SHIPPING ONLY.****MEDICINAL****CAPSULES & PERLES.****GUARANTEED OF STANDARD ACCURACY.**

Keep clear, bright, and sound in all parts of the World. Special terms to large buyers of Flexible, Semi-Flexible, or Hard Capsules in BULK, or Boxed & Bottled with Buyer's Name, &c. State requirements for Special Quotations.

Colonial Buyers should indent for "**ROBBINS' CAPSULES**," and save all further trouble with this class of goods. Inquiries for Quotations Solicited. Labelling to meet requirements of Commerce Acts.

MEDICAL MEN should prescribe or supply Essential Oils, B.P. Drugs, or Drugs or Compounds of a nauseous character dispensed in

SOLUBLE TASTELESS GELATINE**'CIRCLOIDS' 'CAPSULETTES' or CAPSULES**

Carefully packed in handy size boxes, tins or bottles (saves handling these delicate goods); plain labels, with space for dose, etc. **Specify ROBBINS' MAKE.**

John G. Robbins,
Tel. Add.: "MEDCAPSULE, STRAT. LONDON."

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**MEDICINAL CAPSULE
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WOODWARD'S "GRIPE WATER"

In consequence of delays in cartage and transport Pharmacists are requested to stock well forward.

Our best attention is given to prompt dispatch in case of long-distance transit.

79 FORTRESS ROAD, LONDON, N.W.

March 27, 1917.

And NOTTINGHAM.

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2 & 2 bis RUE DE VALENCIENNES, PARIS.

Sole Manufacturers of

JUBOLRe-education of the Intestine.
Constipation, Enteritis, Hemorrhoids,
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Price 5/- per box.

GLOBÉOLPowerful Blood Tonic.
Anæmia, Nervous Exhaustion, General
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Price 5/- per bottle.

PAGÉOLPowerful Urinary Antiseptic.
Gonorrhoea, Cystitis, Prostatitis, Catarrh
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Hypertrophy of the Prostate, etc. etc.

Price 5/- and 11/- per box.

JUBOLITOIRESScientific Suppositories.
Hæmorrhoids, Rectitis, Anal Fistula,
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Anti-hæmorrhagic, Sedative, De-congesting.
Price 5/- per box.**URODONAL**Powerful Uric Acid Solvent.
Rheumatism, Gout, Arterio-sclerosis,
Stones, Gravel, Sciatica, Neuralgia and
all Uric Acid disorders.
Price 5/- and 12/- per bottle.**VAMIANINE**New Scientific Preparation for Syphilis,
Chronic Skin Affections, Psoriasis,
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GYRALDOSEAntiseptic for local Gynecological use.
Leucorrhœa, Metritis, Salpingo-Ovaritis,
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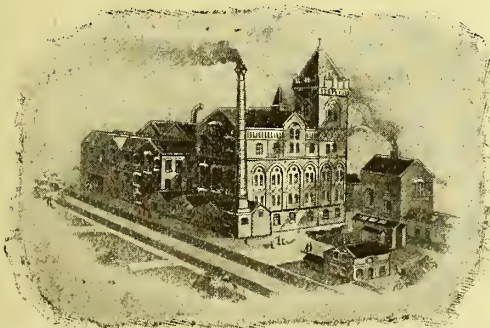
Price 4/- per box.

FANDORINEInternal remedy for Women's diseases,
Metrorrhagia, Dysmenorrhœa, Irregularities,
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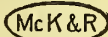
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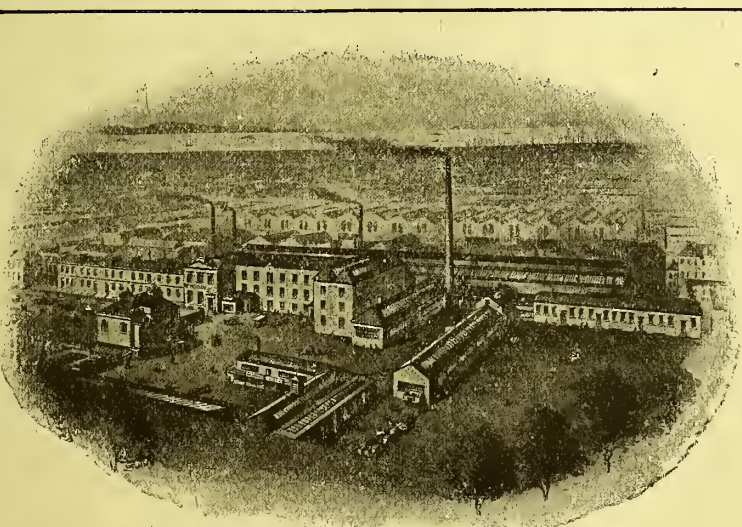
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Quinine Hydrochlor., B.P., 25 oz. @ 3/9 oz.; 10 oz. @ 3/10 oz.
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Salol, B.P., 1 lb. @ 12/6 lb.
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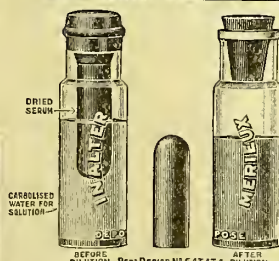
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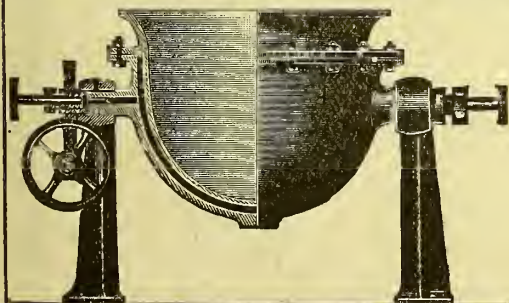
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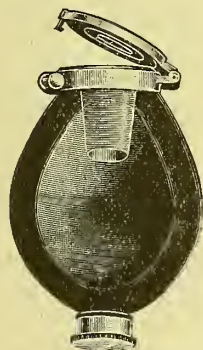
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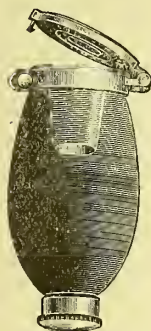
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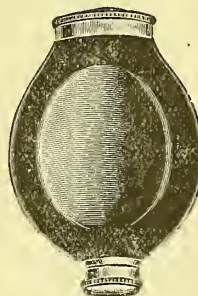
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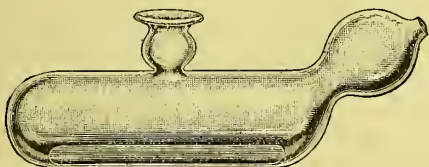
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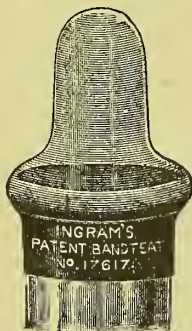
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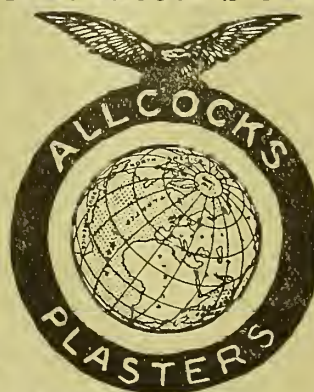
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[See p. 429 "C. & D." Diary 1917]

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EVERY
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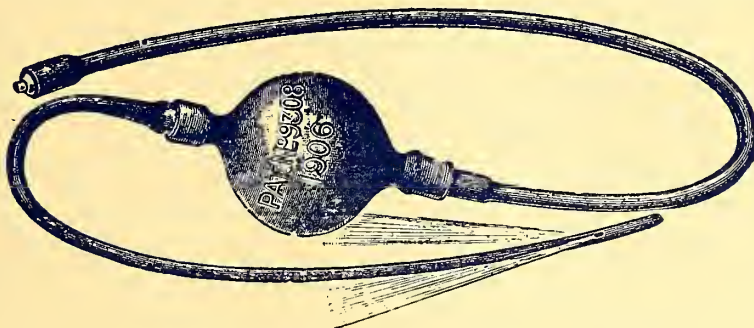
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